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SEEDS

Holco
QUALITY

1924

THE
HOLMES-LEATHERMAN SEED COMPANY
CANTON, OHIO

"PLANT SEEDS"

"THEY ALWAYS GROW"

WE are happy at all times to assist you in any matter appertaining to Seeds, Bulbs, Plants and their cultivation. It is our earnest desire that you grow the best stock. The price of seeds, bulbs, and plants is always governed by their quality. Selected stocks at reasonable prices are the cheapest. Inferior stock is dear at any price.

If any stock you procure from us does not arrive in good condition, or if the transaction is in any way unsatisfactory to you, we ask you to write us.

There is no business in the world in which well directed knowledge and experience mean so much as in seeds. We have an organization and the equipment to do things precisely right and spare no effort or expense to secure seeds of known and tested quality. Your orders will at all times receive prompt and accurate attention.

The Holmes-Letherman Seed Company

How to Order

Please be careful to **sign your name, Postoffice, County and State** on each and every letter or order sent us. We do a "Cash with Order" business, and you can inquire of any bank or trust company, or of your neighbor as to our responsibility.

It is much safer to send the money for the goods in the form of an express or post office money order, a blank draft or your own personal bank check. We accept postage stamps for cash.

Farm Seed Prices subject to market changes. Before buying, ask for our current Farm Seed Price List.

Seeds Delivered Free

OUR PRICES are for seeds, ordered by the packet ounce, quarter pound, half pound, pound and five pounds. Delivered to your door postpaid. On larger quantities of Seeds, Plants, Shrubs, Potatoes, Onion Sets, Farm Seeds, Tools, you pay express or freight charges.

Tell us whether you want goods shipped by freight or express.

If not otherwise directed, we will use our judgment as to the best way to ship.

Special Quotations

are gladly given on larger quantities of anything offered in this catalogue if you will submit a list covering quantities wanted to fill your requirements. If in need of something pertaining to agriculture not herein listed write us before ordering elsewhere.

Surely Fair Dealing Wins in the End

This is why we say to you "If you are not pleased with what we send you, send it back to us, and get your money."

Orders for Nursery Stock and Plants

are filled direct from our nursery and greenhouses, in the order in which they are received, as soon as the weather is warm enough for shipping. Nursery stock, plants and seeds cannot be sent together.

PLEASE NOTE:—We do not send trees, plants or other perishable stock C. O. D.

WE GUARANTEE safe delivery; complete satisfaction. Our stock to be of first quality, healthy and true to name when delivered. No complaint will be entertained that is not made immediately upon receipt of goods. There are so many contingencies to be encountered in growing plants from seed and in growing nursery stock, that are dependent upon the weather, and other conditions over which we have no control, that success in planting is not altogether dependent on the seed, plants or shrubbery. Therefore we can assume no responsibility after the stock is delivered in good shape.

The Holmes-Letherman Seed Co. give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds, bulbs, plants or roots they send out, and will not be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Six Holco Giant Asters for 50 Cents

We feel that there are many flower lovers not familiar with the brilliant types of American Asters; and to aid our customers, we are offering this collection, which will give excellent results. No garden, large or small, should be without these varieties. We will mail one packet of each of these six Giant Asters for 50c.

Lavender Gem
Red Sensation

American Beauty
Royal Shell Pink

White Beauty
Inspiration

BULB CATALOG A book of bulbs for autumn planting and for winter flowering in the house, will be forwarded to those who ask for it. Ready September 1st.



THIS LAWN, ON THE GROUNDS OF F. W. PREYER, CANTON, OHIO, WAS SOWN WITH HOLCO LAWN GRASS SEED. THE GROWTH WAS EXTREMELY RAPID AND A REMARKABLE TURF WAS PRODUCED



"Velvet Green" Lawn Grass Seed

THE question of good lawns is not only the question of sowing the very best grass seed, but you must have the correct grasses assembled to produce a good, permanent and fine-textured lawn.

It pays to make your soil suitable for the grasses you want to develop; it must be fine and granular. Pulverized sheep manure or rotten manure worked into a clay soil will lighten and fertilize it. On a sand or sandy loam, lime and plenty of sheep manure to build a body in the soil will be all that is required.

Holco "Velvet Green" Lawn Grass Seed is an intelligently arranged combination of fine-leaved, dwarf grasses, which will stand wear and tear, outlive the winter, and retain at all times their lustrous green color. It will produce a perfect turf of deep green sward in four to six weeks time. Whether you want to seed a small grass plot in your yard, or a lawn of more pretentious size, you should use this grass mixture. **Delivered Free in United States** (by Mail, Express or Freight), at our option. Lb. 50 cts., 5 lbs. \$2.35, 10 lbs. \$4.50, 100 lbs. \$40.00. (25 lbs. or more supplied at 100-lb. price.)

Quantity to Order

One pound sows 15x20 feet (300 square feet). 100 pounds sow 1 Acre

*Double these quantities when turf is needed quickly
To Repair Turf that is worn and faded, use one-half these quantities*

Greensward Lawn Seed

A mixture meeting the requirements of those desiring a moderately priced grass seed. 1 lb. 45 cts., 5 lb. \$2.15, 10 lbs. \$4.00, 100 lbs. \$35.00.

Terrace Sod Lawn Seed

This is a special blend of grasses and especially suited for sowing on terraces, embankments and hillsides. It is composed of grasses that produce long, strong, fine leaves and deep, spreading roots, thus preventing heavy rains from washing them out. Lb. 45 cts., 5 lbs. \$2.15, 10 lbs. \$4.00, 100 lbs. \$35.00.

Fair-Green Seed

This is a special mixture of the finest grasses that will stand the wear and tear and retain its velvety appearance. To make a fair-green, sow, 75 lbs. per acre, and 20 lbs. per acre annually thereafter. Lb. 40 cts., 5 lbs. \$1.85, 10 lbs. \$3.50, 100 lbs. \$30.00.

"Holco" Shaded Lawn Seed

A mixture of grasses that will produce a perfect sward in the most densely shaded place. It must be borne in mind that too much shade creates sour soil, and to guard against this, apply lawn lime at the rate of 50 pounds to 250 square feet of lawn. Frequent fertilizer applications, such as bone meal or sheep manure, are a great help in establishing a thick, healthy growth of grass in shaded places. Lb. 50 cts., 5 lbs. \$2.35, 10 lbs. \$4.50, 100 lbs. \$40.00.

Kentucky Blue Grass

Is used in lawn mixtures. Especially suited to meadows and rich lands. It is a favorite all through the northern states. Lb. 45 cts., 5 lbs. \$2.15, postpaid.

White Clover

The best variety for lawns, as it forms a close herbage and remains green throughout the season. It is also valuable when mixed with grass seed for pasture. Sow 10 to 12 lbs. per acre. Lb. 85 cts., postpaid.



Vegetable Seeds

CULTURE LEAFLET—The Vegetable Garden—Free with order when asked for.

Asparagus

Can be started by sowing the seeds or setting out roots. A bed once properly made and planted, will last for years. Seeds are sown as early in the Spring as garden can be made. Plants can be raised easily from seed. When roots are one to two years old, set them 12 inches apart. The rows should be 8 to 10 inches deep, with width of 6 to 8 inches at the bottom. After spreading out roots, cover crowns with 3 inches of soil. With the growth of the shoots gradually fill in with earth until level with surface. Cultivate carefully during the season. An ounce will plant 50 ft. of row; and produce about 200 plants; 4 to 5 pounds to the acre.

Palmetto. A very early maturing, large, dark green sort of excellent quality. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00, postpaid.

Pedigreed Washington. New rust-resisting variety, with a rich, dark green color shading slightly to purple. Tips long, tight and firm, tender, tasty, and luscious. A general favorite, either for the market or the home garden. Pkt. 15 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

Pedigreed Martha Washington. The largest, most prolific and highest grade asparagus known to the trade. Our seed comes from the best stock available anywhere. Martha Washington is so much better you can see the difference. Pkt. 25 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.00.

Brussels Sprouts

Grown as both an early fall and winter vegetable. Seed may be sown in a hotbed or cold frame for an early crop, or outdoors early in May. Make rows 3 feet apart and have the plants stand $1\frac{1}{2}$ feet apart in the row.

The heads are improved by frost. When the young sprouts are well started the lower leaves may be stripped from the plant in order to admit light and air. Ounce will plant 200 feet of row.

Dalkeith. Excellent variety. This large-headed variety has proved to be of decided merit, being of sturdy growth and producing abundantly large, solid, dark green sprouts, which are of excellent quality. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10 lb., \$3.50, postpaid.

Danish Giant. The plants are of strong, robust growth. The stalks are larger, thick and close-jointed, so that the Sprouts are set thickly on the stalk. A very large crop can be gathered. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, postpaid.

Our Leaflet on Asparagus Culture giving full directions will be mailed free when asked for.

Asparagus Roots, see page 36.

Beans, Dwarf Yellow or Wax-Podded

This is one of the most important of all crops which may be grown on any soil of average fertility without special cultural treatment.

Beans are so variable in their productive powers and also in edible qualities that farmers should test the most promising sorts from year to year in order to determine what varieties are best for their particular purposes. One pound will plant 100 feet of row; 100 pounds to an acre.

Sure-Crop Stringless Wax

An Absolutely Stringless Bush Bean

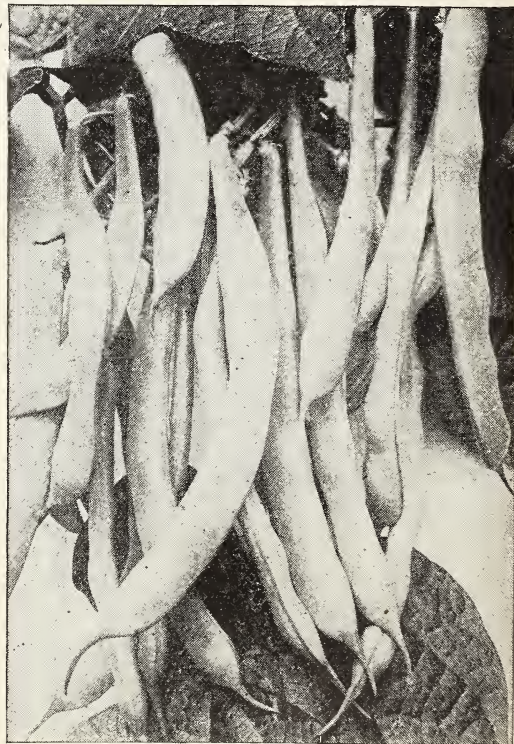
Enormous Pod Good Yields

An Early Flat Wax-Podded Variety. Golden Yellow Wax Pods Without Rust

A comparatively new variety that has come very rapidly into general favor. The plant is strong, dwarf, not too strongly branching, with large, almost smooth, lustrous green leaves. Bears an enormous crop of pods of a most beautifully yellow color. The pods are about six inches long and almost straight.

We have found it very early, which alone renders it extremely valuable. The color develops very early in the growth of the pods, which remain tender for a long period. The flavor is excellent, and both plant and pod are free from rust and blight. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

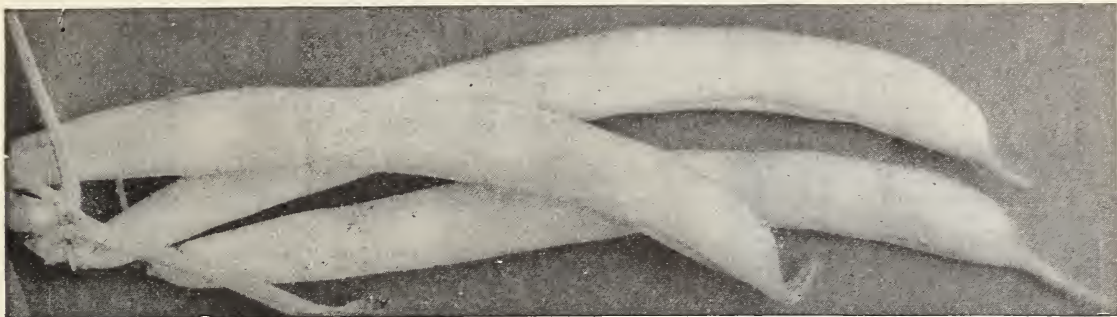
Round Pod Kidney Wax. Early yellow bean, brittle, stringless, tender. Plants strictly bush form. Pods large, curved, round, deeply creased, yellow, very brittle, absolutely stringless, remaining in good condition for use until full grown. The dry seeds are white with irregular black markings around the eye. Quality excellent. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. per lb.



SURE-CROP STRINGLESS WAX BEANS
The Best of Them All

Mike Babinchak, Market Gardener, Ashtabula Co., O.—“I have been using your seed for the last three years, and I just want more every year.”

Ten-Pound Prices Do Not Include Transportation



BOUNTIFUL BEANS

Most Desirable Sort for the Home and Market Garden (See Page 4)

Improved (Rust-Proof) Golden Wax

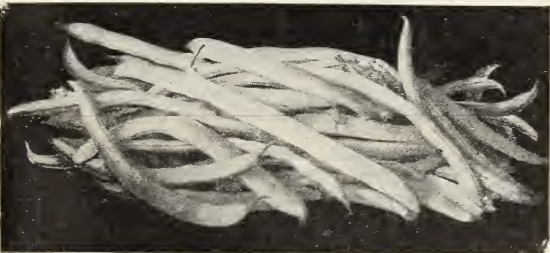
This is a great improvement on the old strain. Golden Wax is hardy, and so much less liable to blight or rust that it is one of the most desirable to grow of all Wax sorts. Pods $4\frac{1}{2}$ to 5 inches long, straight, flat, meaty, light cream wax color, heavily filled, excellent quality. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

Unrivalled Wax. There is probably no variety of Wax Bean grown that has a greater all-round value than this one. It has a small plant, is very early, and bears enormous crop of pods about $5\frac{1}{2}$ inches long, somewhat curved, semi-flat, rather fleshy, and of the finest texture and tenderness. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

Pencil Pod Black Wax. Plants strictly bush form. Pods medium curved, round, creased-backed, fleshy, brittle, stringless, with rather light yellow color. Quality good. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

Michigan White Wax. This excellent sort is a white seeded Golden Wax Bean of the original Golden Wax quality. It is vigorous and very productive. Broad and meaty. It is the most desirable home garden and market sort. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

Hodson Wax. Fine for a late planting. The bushes are of strong, vigorous growth, producing a heavy crop of very large, flat, long, slightly curved, attractive wax pods, 6 to $6\frac{1}{2}$ inches long, making a fine appearance. It matures 12 days later than the early wax varieties but is unusually free from rust, blight and other diseases. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.



IMPROVED (RUST-PROOF) GOLDEN WAX
If you want Quality then plant our seeds.

Davis Kidney Wax. An excellent bean for market. Pods white waxy color 5 to $5\frac{1}{2}$ inches long, flat wide and straight. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

Wardwell's Kidney Wax Beans. Plant strictly bush form, foliage dark green. Pods large, flat, straight, somewhat recurved near stem end, rich yellow in color, brittle, stringless. When cooked, the pods are rather pale yellow, tender, meaty, with a mild, pleasing flavor. Quality very good; pods are in best condition for use as soon as they change to a clear yellow color. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

Silver Bean. A distinct variety, late maturing, sometimes called Crystal Wax, and not strictly a wax bean. It is desirable for pickles. The plants are vigorous, branching and very productive. The pods are greenish white with silvery shade, curved, round or thicker than wide, very fleshy and brittle. Pkt. 15 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

Shell-Beans

These are grown exclusively to use as shell-beans, either Green or dried for winter

Dwarf Horticultural. Pods are of medium length, slightly curved. The green shell-beans are of good size, tender, and of fine flavor. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Large White Marrowfat. Vigorous branching habit. Medium late beans of large size, good for shelling and using in green state. Pods 4 to $4\frac{1}{2}$ inches long, flat nearly straight. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., 5 lbs. \$1.25, postpaid; 10 lbs. or more at 20 cts. lb.

Dwarf White Navy. The pods are straight, short, about $3\frac{3}{4}$ inches long, but usually containing 6 beans. The beans are small, oval, white. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., 5 lbs. \$1.25, postpaid; 10 lbs. or more at 20 cts. lb.

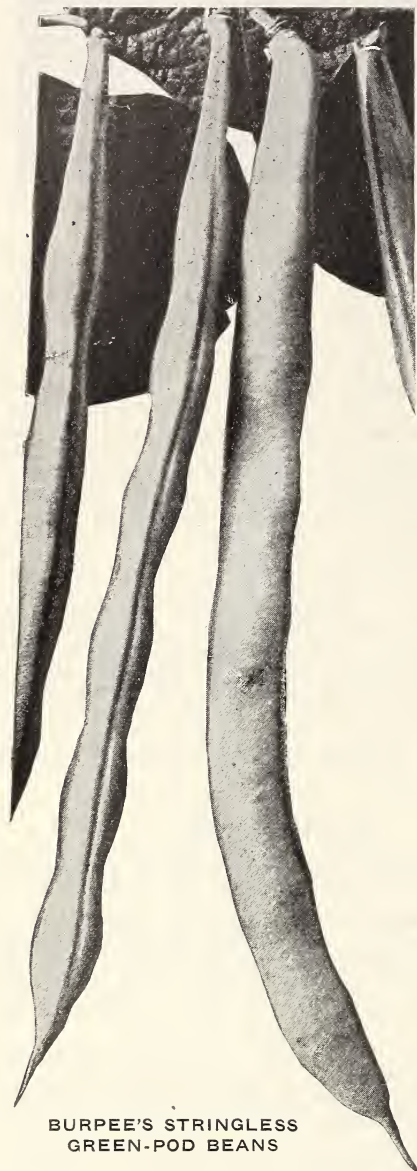
White Kidney. Of vigorous upright habit. Used as shell bean after being ripened. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Red Kidney. Of vigorous upright habit. Beans large size. Used both green and dry. Pods 5 to 6 inches long and flat. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 5 lbs. \$1.25, postpaid; 10 lbs. or more at 20 cts. lb.

Beans, Green-Podded, Dwarf or Bush

All our Seed Beans are of highest quality, hand-picked, pure stock, tested for vitality

Please note that our packets are 10 cts. because they are LARGE and should not be compared with the small 5 cent packets offered by others



BURPEE'S STRINGLESS
GREEN-POD BEANS

Bountiful Bean. A prolific and continuous bearer. The first in Spring, the last in Fall. Absolutely stringless. Very tender and of delicious flavor. Very hardy, extremely early, very prolific, bears continuously for several weeks. The rich green pods are of immense size, thick, broad, extra long, very uniform in shape, solid, meaty, of high quality. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. per lb.

Burpee's Stringless Green-Pod. Very hardy and extremely early sort of extra fine quality, long, round green pods, always solid, tender and of delicious flavor, meaty, brittle and stringless. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. per lb.

Improved Red Valentine. A standard green-podded dwarf snap bean. Full, round, meaty pods. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. per lb.

Full Measure. A round, smooth, green-podded stringless bush bean. The solid pods are wonderfully tender and brittle. The flavor is delicious. Very heavy bearer. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. \$2.00, postpaid; 10 lbs. or more at 30 cts. per lb.

Giant Stringless Green-Pod. Exceedingly productive. The pods are large and round, and the quality unexcelled. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. per lb.

Refugee, or 1000 to 1. The pods are nearly round, quite fleshy, brittle and of fine flavor. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. per lb.

H. W. Peterson, Ludington, Mich.—"Received the seeds today, and I want to give you my word of praise for the care you exercise in packing your seed for shipment. They arrive in fine condition always. The way they grow and come true to name deserves still greater praise. I shall always recommend Holmes-Letherman to anyone interested in good seed at a fair price. Guess you will be safe in looking for my order every spring. I am 'A Satisfied Customer.'"

Dwarf or Bush Lima Beans

Fordhook Bush Lima. Of strong, erect, true bush-like growth, the bushes average 20 to 30 inches in height, by 20 to 24 inches across the top. The pods are borne in clusters, and contain 3 to 5 large beans with an average of 4. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. \$2.00, postpaid; 10 lbs. or more at 30 cts. per lb.

Henderson's Bush Lima. The beans are ready for use a week earlier than those of Burpee's Bush Lima. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. per lb.

Burpee's Improved Bush Lima. Produces a magnificent crop of pods, which measure from 5 to 6 inches long by $1\frac{1}{4}$ inches wide. Compared with Burpee's Bush Lima, both pods and beans are much larger. The sturdy bushes are truly enormous in size. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. \$2.00; 10 lbs. or more at 30 cts. per lb.

Burpee's Bush Lima. The plants are dwarf but very productive. The pods are very nearly as long as those of the pole Lima. They contain from three to five very large, flat beans. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75; 10 lbs. or more at 25 cts. per lb.

Ten-Pound Prices Do Not Include Transportation

Pole or Corn Beans

All Pole and Lima Beans are very tender and cannot be planted until the soil is quite warm and weather is settled. Plant pole beans and pole limas, in hills one inch deep, 4 to 5 seeds in a hill, hills 3 feet apart. Thin to three plants to a hill. Before planting fix firmly in each hill, a pole 6 to 8 feet long. Help the vines to start twining around the poles from right to left. One pound will plant 75 to 100 hills; 20 to 32 pounds to an acre. (Note: Plant Lima Beans with the "eyes" of the seed downward).



KENTUCKY WON-
DER BEAN

Kentucky Wonder or Old Homestead

The long pods are so fleshy that they are greater in thickness than breadth. Solidly meaty, stringless when young, finest quality. If pods are gathered as they mature the vines will continue to bear to the end of the season. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

Lazy Wife. Late variety, excellent for snap-shorts or shelled. Pods about 6 inches long, thick and meaty, flavor fine. Pkt. 15 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

Horticultural or Cranberry. (Sometimes called Bird Egg Bean.) An old and well known variety, hardy, very productive, good flavor of the beans when shelled. The flat, long pods are streaked with carmine. Pkt. 10 cts., ½ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 20 cts. lb.

Old-Fashioned Striped Sickle. One of the best quality; very popular with farmers and gardeners. The seed is gray, with black stripes; the pods long, meaty and stringless. Very heavy yielder. Pkt. 15 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

White Seeded Kentucky Wonder

Earlier than other sorts, also called **Berger's Stringless Green-Pod.** The pods are long, borne in clusters, straight, of rich dark green, stringless, tender, sweet, mild flavor. The dry beans are pure white. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 25 cts. lb.

Kentucky Wonder Wax. Yellow-podded Kentucky Wonder; bears a large quantity of rich golden yellow pods. Plant makes a quick, healthy growth; productive, bearing large pods; thick, meaty, stringless, very tender, fine flavor when cooked. Decidedly extra early. Pods grow uniform in size. Pkt. 10 cts., ½ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Golden Cluster Wax. Bears long, golden yellow pods in clusters and continues for a long time. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

Pole or Climbing Lima Beans

Holmes' Green-Prolific Large-Seeded Pole Lima

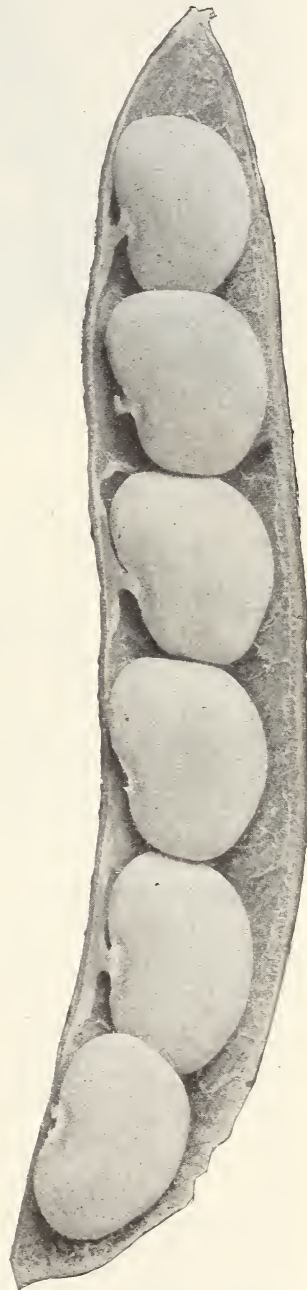
The Largest Podded and Heaviest Cropper of All Lima Beans

The pods are truly gigantic in size, frequently measuring from 7 to 8½ inches in length by from 1½ to nearly 2 inches in width. The beans are extra large and thicker than any other Pole Lima, excepting only those of the Potato Lima type; they are invariably of finest flavor. *Holmes' Green-Prolific* excels all other Limas in vigor of growth. The vines grow so rapidly that they quickly cover the poles. In rich ground we would recommend planting only two or three seeds to a hill and thinning out to one plant. The pods, borne in clusters of from 4 to 8, stand out well from the foliage. Pkt. 15 cts., ½ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. \$2.00, postpaid; 10 lbs. or more at 35 cts. lb.

Early Leviathan. *This is the very earliest.* It will not only give large Lima Beans earlier than any other strain, but is also extremely productive, both early and throughout the season. It is a strong grower, clinging well to the poles, and is a *sure cropper*. The pods differ from those of other early pole Limas in being straighter and longer. The pods hang out from the foliage in large clusters and contain three or four and sometimes *five large beans to the pod*. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

King of the Garden Lima. Pods medium, 5 to 6 inches long, broad, flat, filled with 4 or 5 immense white beans of finest quality. Pkt. 10 cts., ½ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

Challenger, Dreer's or "Potato" Lima. The pods produced are quite thick through and contain 3 to 5 thick beans. Pkt. 10 cts., ½ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.



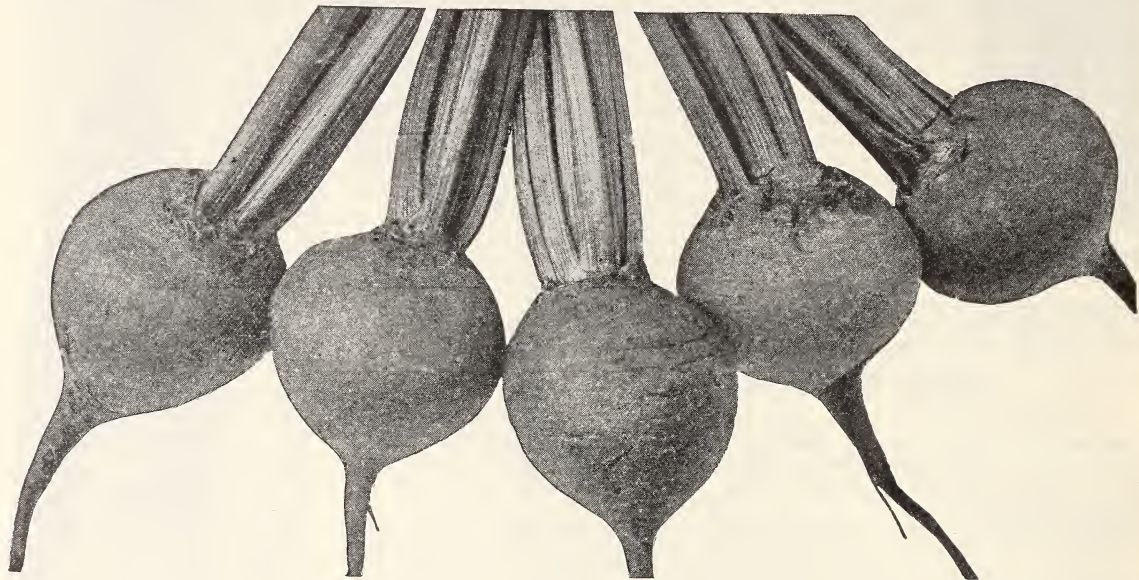
HOLMES' GREEN-PROLIFIC
POLE LIMA

Beets

During their season, beets are easily the favorite root crop. The gardeners realize the great food value and keeping qualities of Beets, and while their cultivation has been general, it has not been as large as their many good qualities would warrant.

Seed may be sown as early in the Spring as the soil can be dug and raked. Sow seeds in rows; then thin the young plants so that the plants will be 4 inches apart in the row, allowing eighteen to twenty-four inches between the rows.

Sowing should be made for succession at least once a month up to the 15th of July, at which time, we recommend making a large sowing to produce a supply of well grown roots for Winter use. Seed requires plenty of moisture. If roots are gathered on the approach of cold weather and packed in slightly moist earth, they can be kept in a cool cellar in perfect condition until Spring. Ounce will sow 50 feet of row; 5 to 6 pounds for an acre.



"Holco" Fireball Beet

A Specially Selected Strain—It Has No Superior

An Early Maturing Beet. The Finest Shaped Beet in the World. The Deepest Blood Red of All Beets. Has No Equal for Table Use

We want you to be sure to order this **DEEPEST BLOOD-RED BEET**. It has no superior. With critical market gardeners, it is very popular. "**HOLCO**" **FIREBALL** has attractive appearance, perfect globe shape, very fine grained, rich and exceedingly tender flesh. The leaves are small, upright and borne on slender stems, occupying but a small portion of the bulb.

The roots are uniformly medium sized, with a very small tap root. The surface is remarkably smooth. The color of the skin and flesh is blood-red, the **DEEPEST BLACK BLOOD RED** of any beet. They are crisp, tender and sweet. A most valuable sort to grow for early second crop successive plantings, and for late planting for Winter use. You will make no mistake when you sow "**HOLCO**" **FIREBALL**. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, 5 lbs. \$6.75, 10 lbs. \$12.50, postpaid.

Crosby's Egyptian (*Special Stock*)

The Most Popular Early Beet for the Home Garden and Market. Our special strain is earlier, darker in color and more even in maturity, with smaller tap roots and smaller top. Very smooth, sweet, tender, and of excellent quality. You can make no mistake in placing your order for this extra fine stock. In the production of this seed, selection is not only made for shape, but also for extreme earliness and high quality. The skin is very smooth bright red, flesh very sweet and tender. This Beet is good for forcing, as well as growing in the garden, and may be used while small. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 5 lbs. for \$5.00.

Wm. S. Coss, (Market Gardener), Washington Co., Md.—"The seeds purchased from you last spring were very satisfactory, especially the Crosby's Egyptian Beet, which was very fine."

Eclipse. Perfectly smooth; round; skin and flesh red; extremely early. Does not grow to large size, but is desirable for its earliness and sweet, tender quality. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

Crimson Globe. Of fine form, with smooth skin. Tender, unusually sweet. Flesh is a deep purplish crimson, slightly "zoned;" foliage small, of a rich bronze-purple. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

Detroit Dark Red

Extremely Early, Deep Red, Tender and Sweet

One of the best Beets for the market and home garden. Has a deep, rich color. Tops small, upright in growth; leaves dark green, shaded with red; root medium-sized, nearly round, very smooth, dark blood-red. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, 5 lbs. \$5.00, postpaid.

Early Wonder. Early deep, blood-red, nearly globular-shaped root, small sized top and small clean tap-root. It is used very extensively for late fall sowing, as it matures two weeks earlier than any other desirable Beet. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.40.

Extra Early Egyptian. Best variety for forcing and excellent for first-early crop outdoors, being very early, with small tops. Roots very dark red, moderately thick, a little rounded on top, distinctly flat on the bottom, and about 2 in. in diameter when mature. Flesh dark purplish red, zoned lighter shade; firm, crisp, tender. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

Holmes' "Green-Top" Blood Beet

In Quality It Stands Alone

Whoever saw an absolutely light green-top beet with pure Blood-Red Root? It is one the most tender of beets, of delicious flavor and is absolutely unsurpassed for quality by any beet we know of. This grand, new main crop beet—Holmes' Green-Top Blood—has a tapering root. The flesh is a handsome dark red, sweet and tender at all stages of growth regardless of size. The hard, stringy, wooden-like fibre so common with all other varieties, is entirely absent in Holmes' Green-Top Blood Beet, which will keep tender all winter. Market gardeners who plant it will find it outsells all others. By buying this year, you can control your market and make big profits. The keeping quality of Holmes' Green-Top Blood Beet has no equal. We would advise our customers who want this fine beet to order early as our stock of seed is limited. Pkt. 15 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

L. Prero, Portage Co., Ohio.—"Enclosed find photos of my garden, taken June 23rd of this year. I cannot praise your Holmes' Green-Top Beets enough. They were just fine and yielded good. All seeds I received from you could do no better. I had a fine garden by using your seeds, and it opened the eyes of several people. They all wanted to know where I got my seeds, and I gave them your address."

Improved Early Blood Turnip. Selected stock. Root nearly round; flesh deep red, sweet, crisp, tender. For summer and autumn use. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts.

Half-Long Blood. The roots are smooth, flesh bright red, quality excellent. For winter use the seed should be sown early in July. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts.

Long Smooth Blood-Red. Roots long, penetrating the soil deeply. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 85 cts.

Swiss Chard, or Spinach Beet

Requires the same rich soil as other members of the beet family, and should be planted at the same time, in rows two feet apart. As the plants grow they may be thinned out and used for greens at any stage. When they approach full size, they should stand seven to ten inches apart in the row. The large leaves should be cut, one by one, with a sharp knife, an inch or two above the root. New leaves will grow to take their places, keeping up a supply till frost. Cook the leaves in the same manner as spinach, and the stalks are palatable if prepared and cooked like Asparagus. Swiss Chard may be canned, and is a most valuable vegetable for winter use.

Giant Lucullus. Is more productive than the common plant. It grows to a height of two to two and one-half feet, and has thick, heavy, cream-white stalks, one and one-half inches broad. The leaf is of fine flavor, deeply crumpled, and free from fibre. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.00.



HOLMES' "GREEN TOP" BLOOD BEET
Has a most Delicious Flavor

Sugar Beets and Mangel-Wurzel

For Stock Feeding

1 oz. to 100 feet of drill; 5 lbs. will sow an acre

Danish Sludstrup. Is considered the best of Mangels, having been awarded first-class certificate. In color it is reddish-yellow and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above ground and is easily pulled. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 75 cts.

Golden Tankard. Smooth yellow-fleshed Mangel; roots are of large diameter, tapering quickly at the bottom, which is quite broad, with only a small tap-root. Grows largely above the soil, easily harvested. Yields an enormous bulk on good land; can be grown closely in rows. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 60 cts.

Mammoth Prize Long Red. Heaviest cropping and largest of all Mangels. Dark, richly colored foliage; skin bright dark red, white flesh, with veined rings of rose-pink. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 60 cts.

Klein Wanzleben Sugar. Best beet for sugar making, and largely planted for that purpose. Highly recommended as a winter food for milch cows. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 60 cts.

Giant Half Sugar. Superior to mangels for stock-feeding purposes, more nutritious having a large amount of sugar. Oval in shape, grows partly out of ground. Large size, yields enormous crops. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 60 cts.

Stock Beets and Mangels

No farmer should be without Beets and Mangels for winter feeding. The great value of such crops should be understood by every one who desires to keep livestock healthy and in a good thrifty condition. A succulent feed such as is furnished by Stock Beets can be grown cheaply and abundantly on every farm. For keeping up winter egg production, beets are as necessary as other feed. We offer choicest seed of all the leading varieties.



DANISH SLUDSTRUP MANGELS—WURZEL

Cabbage

Our Cabbage Seeds are all grown from the most carefully selected stocks, and we have no hesitation in saying that they are as reliable to produce good crops as any seeds that can be found on the market. Sow seeds in Jan. or Feb. in hotbeds, and transplant latter part of April or early in May to open ground, or an early sowing in open ground can be made as soon as weather will permit. Set the plants in rows 2 ft. apart, and 12 to 18 in. apart in the row. For second-early sow in April and transplant in May, or sow in May and transplant in July, setting plants in rows 3 ft. apart and 2 ft. in rows. Never plant Cabbage in the same location 2 years in succession. One ounce will produce about 3,000 plants; a quarter lb. will produce enough for an acre.

Copenhagen Market Cabbage

Proved to Be the Best Early Cabbage From Denmark

It is very great satisfaction, indeed, to be able to offer this valuable new, early Cabbage, producing round, hard heads very early in the season. As early as the Jersey Wakefield. The most popular early Cabbage in the markets of Copenhagen. Market-gardeners are enthusiastic about it on account of its extreme earliness and solid, 8-pound heads, with a small core and always of excellent quality. The plants are short-stemmed, producing heads almost on the ground. The light green leaves are medium in size, saucer-shaped, and are always tightly folded; the plants may therefore be set closer than most other early varieties. A vigorous grower and yielder, as are all Cabbages from Denmark, and an excellent keeper. Our stock of Copenhagen Market comes to us direct from the originator, is guaranteed to be absolutely true to name. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.35, lb. \$4.50.



COPENHAGEN MARKET CABBAGE
It pays to plant our high quality seeds

Extra-Early Jersey Wakefield. Plants are dwarf compact and produce heads very early. Erect and conical in form, very uniform and even in size as well as time of heading. Our seed of both "Wakefields" is the choicest Long Island grown; this special strain is most highly recommended. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

Large Wakefield or Charleston. Heads are of similar form, although not so pointed, of equal solidity as the original Jersey Wakefield; grow half again as large, reaching full size ten days later. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

Early Munichstadt. Heads are same size as Jersey Wakefield but more sharply pointed in form and not so early. Leaves rich dark green, slightly glossy, tightly folded heads being the hardest of any early cabbage. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.



EXTRA-EARLY JERSEY WAKEFIELD CABBAGE

"Golden Acre"—New Early Cabbage

A fine new variety from Denmark. This is a wonderfully fine, round headed, extra early cabbage which matures earlier than Early Jersey Wakefield. The heads are as round as a ball and every one just alike. The plant is small and very compact with small round leaves. Every plant makes a fine large, round head and they all mature at practically the same time.

Compared with Copenhagen Market, this cabbage matures two or three weeks earlier but is otherwise quite similar to a fine strain of that variety.

Owing to its earliness and remarkable uniformity this new cabbage will, be a most profitable variety to raise for the early market.

We would suggest that all gardeners who are interested in early cabbage should try the Golden Acre this year, so that they may see for themselves what remarkably fine cabbage it is. Pkt. 15 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1.00, $\frac{1}{4}$ lb. \$3.50, lb. \$12.00.

Early Dwarf Flat Dutch. Good flat-headed variety, with short stem and hard, firm head. Forms heads early; is valuable for summer. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$2.75.

NOTE—Slug Shot kills cabbage worms absolutely. Can be used without danger. 1 lb. 35 cts., 5 lbs. 65 cts., postpaid.



GOLDEN ACRE CABBAGE
Early small solid head

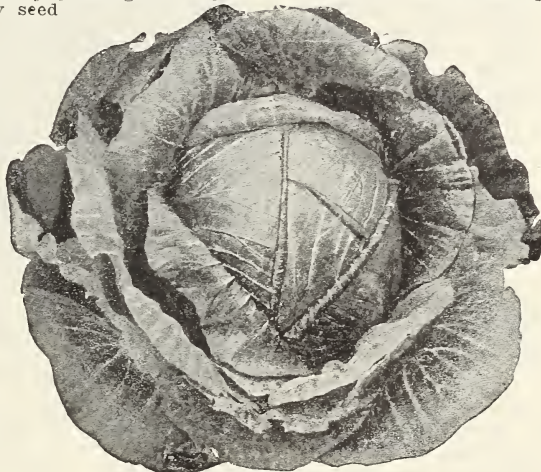
**GLORY OF ENKHUIZEN CABBAGE**

A perfect crop can be had by planting our high quality seed

All Seasons. The heads are exceptionally hard and solid, round, flattened on top, and ready to market with the second early sorts. It is called *All Seasons*, because it is just as valuable for Autumn or Winter as for early Summer. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

Mrs. Frank Slobets, Route 4, Girard, Kan.—“We have a little garden, but since we ordered seeds from you last year, it seemed to be large. The seeds are just wonderful. All the lettuce and the Beans were so good. We never had such a garden. So we are ordering again.”

Early Summer. Desirable, large sized, flat-headed variety. Good keeper, does well in summer and autumn. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

**ALLHEAD-EARLY CABBAGE**

An excellent second-early sort

Glory of Enkhuizen

Early Round, Solid Head Cabbage

Originated in Holland; in season it is as early as the Allhead Early, with heads frequently twice as large, weighing three times as much. The large sized, ball-shaped heads are very firm and solid, leaves being fine ribbed and exceedingly tender. It is a dwarf and compact grower, allowing close planting; in fact some of its enthusiastic admirers claim it will yield more tons per acre than any other variety on account of close planting. This is not only a valuable early sort, but it grows so large that it can be profitably raised for main crop for fall use. On account of its quick growth, this cabbage is a most desirable sort for market gardeners to set out late in July, after early potatoes or other spring crops are harvested. This cabbage is extensively grown and is extremely popular with the market gardeners generally, and especially with those who use our select strain of Danish Ball Head and who have a trade for a round, solid head cabbage early in the season. Originator's stock. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

Allhead-Early. An excellent second-early sort. Heads large, solid and flat, very deep for so early a cabbage and a very good quality; stem is short. It is recommended not only for spring planting but by planting late it can be used as a fall and early winter cabbage. Well adapted for kraut. The seed we offer is of first quality. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

Succession. A variety remarkable for its resistance to hot sun and dry weather. Remains two or three weeks without breaking. It may be sown either as a late cabbage or for fall use. The heads are round but slightly flattened. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

Autumn King, or World-Beater. This is an excellent late cabbage. In good soil, it will produce enormous solid flat heads. It has such small outer leaves that it can be planted closer than the ordinary late sorts. Seed sown the first of June will produce fine heads to put away for the Winter. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.75.

Holmes-Houser (Latest Cabbage of them all)

An excellent late Cabbage, requiring rich soil. Two weeks later than any strain of the Late Flat Dutch type. In solidity is hard as the Danish Ballhead. Compact in habit of growth, the leaves overlapping the head. The shape and appearance are shown in the illustration. In size the Holmes-Houser Cabbage will average about 12 pounds at maturity, and the heads are uniformly handsome. The shape is round and deep, as indicated; and when a head cracks or bursts it is always at the stem end, which does not destroy its use for market. In quality the Holmes-Houser Cabbage equals the best, being very free from the coarse ribs found in most late sorts. It is a strong, vigorous grower, with ability to withstand drought better than most varieties. It sells well in the market, and adapts itself to various conditions of soil and climate. It is because the Holmes-Houser is so extremely late and such an excellent keeper that it has attained such wide popularity. Owing to the scarcity of seed we cannot offer this variety in larger quantity.

A Warning. It is absolutely necessary to plant out the Holmes-Houser Cabbage two weeks earlier than any other late sort, as it requires this much longer to mature than the Flat Dutch types or any other late variety.

Price of Holmes-Houser Cabbage, Originator's Stock. Pkt. 15 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

**HOLMES-HOUSER CABBAGE**

Largest, hardest heading cabbage grown

You can grow it just as fine by sowing our Originator's Strain.



**DANISH BALLHEAD,
TALL-STEM**

sure heading. Head large, somewhat flattened, compact, very solid and of excellent quality. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

Premium Late Flat Dutch. A very popular sort. The plants are hardy, stem rather short. The heads are very large, flat but deep, of excellent quality, and good keeper. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

Danish Ballhead or Hollander

This is the most popular and profitable late cabbage in existence today. Very hardy, sure heading, extremely solid, one of the very best keepers and an excellent shipper. Heads are medium size, round, and in quality second to none. Seed we offer is grown for us by the best growers in Denmark and will produce more uniform heads and greater yields than can be grown from stock obtained elsewhere. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

Remember this price is for our Imported Danish-grown Seed.—see illustration.

Danish Roundhead

Short-stemmed, having less outer foliage, this sort is better able to resist blight, being, in most sections, as vigorous in growth as the best American types. Heads average larger and mature nearly two weeks earlier. Are unusually solid, and beautifully white when trimmed. This cabbage will head under the most adverse conditions never failing to produce a crop. A splendid keeper when stored away for the later winter and spring. Seed imported direct from Denmark by us. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

Red Danish Stonehead. This cabbage is almost identical in every respect with Danish Ballhead except in its color. The head is very solid and the rich red color extends farther into the center of the head. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.75.

Surehead. We recommend this reliable sort for northern markets, being late, hardy and

American Drumhead Savoy. The plants are vigorous, of medium size, with rather short stems and are very sure heading. The outer leaves are medium large, thick, fleshy and densely and uniformly crumpled; the heads are large, nearly round, fairly solid, sweet and tender. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$3.00.

Mammoth Rock Red. This is the largest-heading of all red varieties. The heads are slightly rounded. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

Cabbage Plants. Ready in season according to varieties. (Write for prices.)



**DANISH ROUNDHEAD,
SHORT-STEM**

Chinese or "Celery" Cabbage

Pe-Tsai. Chinese Cabbage was introduced into this country by the Chinese on the Pacific Coast. The Pe-Tsai belongs to the Cabbage family, and produces quickly from seed sown in the open ground very attractive heads, somewhat resembling Cos Lettuce, and it grows well in any good soil. Chinese Cabbage makes the best heads during the cool fall months, so it is advisable to start the seed about the latter part of July. Seed can be sown in the open ground. Thin out to stand about fifteen inches apart in the row, as the heads develop rapidly and grow to a large size. Keep the soil free of weeds, and cultivate freely in order to preserve the largest possible amount of moisture for the plant. The heads blanch readily and the leaves are so tender and sweet that it makes excellent salad. It can be eaten raw like Celery or Lettuce or cooked like ordinary Cabbage, but must be cooked quickly. It makes an ideal vegetable for fall, and it can be stored for winter. Chinese Cabbage may be planted in your garden after some of your early crops have been cleared off. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., 1 lb. \$3.00, postpaid.

Wong Bok. This plant develops very few outer leaves, with broad heads, well blanched and tightly folded. It is of excellent quality, crisp, tender and brittle, with a fine celery flavor. Is earlier than other sorts. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.50, postpaid.

Mariana H. Adams, Terre Haute, Ind.—"I had seed from you this year and was pleased with the way it germinated. Have quite a garden, and my Chinese Cabbage is delicious and a wonder."

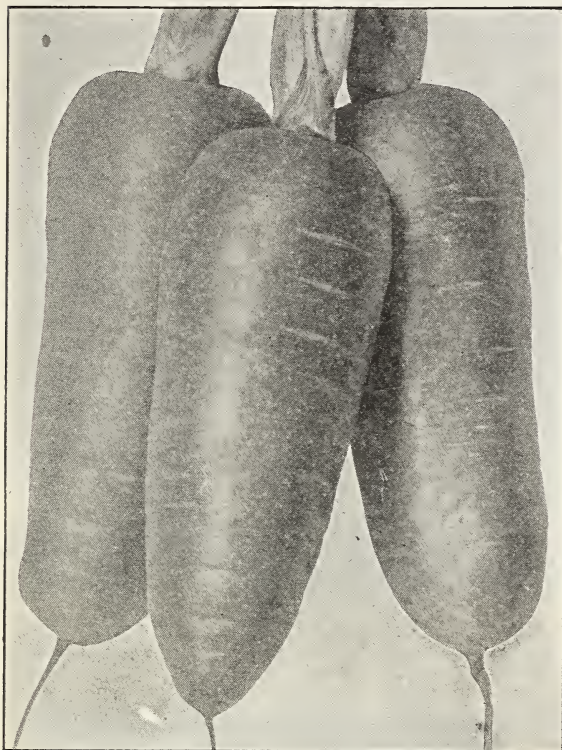


PE-TSAI—From a Photograph
A delicious new vegetable

Carrots

Sow the seed thinly in shallow rows early in the spring. Make three or more sowings of the early varieties a month apart, to afford a succession of tender roots.

When plants are well started, thin out the small early sorts to three inches apart in the row, and large late varieties from five to six inches. They should be sown in deep, rich soil, deeply worked and receive constant cultivation during growth to insure smooth, straight roots. One ounce will sow 100 feet of row three to four pounds to the acre.



CHATENAY CARROT

A most popular sort. Grown from our fancy strain

Oxheart or Guerande. The true type when fully grown is 5½ to 6 inches long, 3½ to 4 inches thick at the shoulder and 2 to 2½ inches thick at the bottom. It is very stump rooted. The crown is cup shaped or hollow crowned and the tops, while fairly long, are quite thin at the crown. The color is bright or light orange scarlet. When full grown root is decidedly Oxheart shape with a flat bottom. Oxheart is a heavy cropper having a large amount of edible flesh to the root. It is easily dug, being short and nearly globular, and can be easily pulled or plowed out without breaking. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. \$1.00, postpaid.

Long Orange. The true strain is 10 to 12 inches long, 1¾ to 2 inches thick at the shoulder and pointed or rather tapering in a straight line to the tip. The crown grows under ground and the color of the root is bright orange scarlet. Do not plant Long Orange until soil is prepared to a depth of ten inches. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. \$1.00, postpaid.

Short White Improved. (For Stock.) The most popular and best of the white sorts and used wholly for stock. When fully grown is usually eight inches long and three inches thick at the shoulder and tapers in a bulging shape to the tip. If planted in rich soil heavily fertilized, will grow to a very large size. The roots grow wholly under ground and the color is pure white. Tops rather large and dark green. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. 85 cts., postpaid.

Chantenay

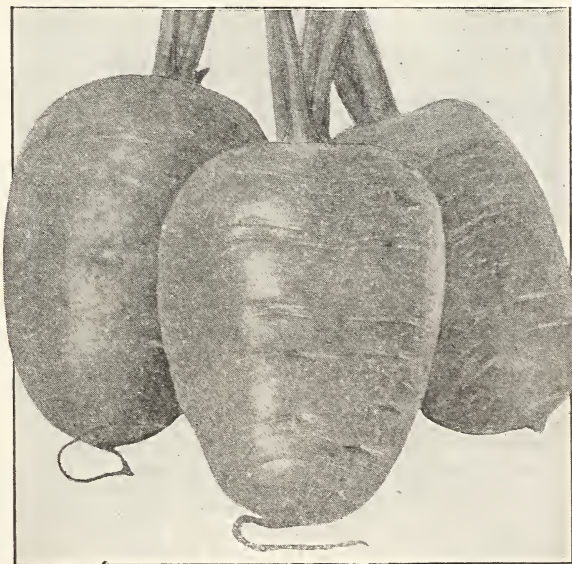
One of the three most popular varieties used in America, for table purposes. The true type is half long, thick and very stump rooted, and in dimensions 5½ inches long; 2 to 2½ inches thick at the crown and tapering to 1 to 1½ inches at the bottom where it is very stump rooted. At the crown the top is small and set in a slight depression. The color is bright orange scarlet. Pkt. 5 cts., oz. 15 cts., ¼ lb. 30 cts., lb. \$1.00, postpaid.

Danvers Half Long

This is the most popular variety used in America, the demand for it usually exceeding that of any other variety by at least 50%, and it is used for both table and stock. The true type is half stump or semi-pointed from 7 to 7½ inches in length from the crown to the tip or where the root begins to taper abruptly. The shoulder at the crown is from 2 to 2½ inches thick and about ¾-inch thick just where the root begins to taper to the tip. The color is bright orange scarlet. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. \$1.00, postpaid.

Nantes. Is becoming most popular table carrot. In quality, for table use, it is unsurpassed. The true type is long and cylindrical, about 6½ to 7 inches long and 1 to 1½ inches thick, very stump rooted. The color is pure orange scarlet and the core rather undefined so that it is called "coreless." The skin is very smooth. The tops are small and set in a slightly hollow crown. Pkt. 10 cts., oz. 15 cts., ¼ lb. 35 cts., lb. \$1.25, postpaid.

Scarlet Horn. A popular early market variety. The true type when fully grown is about 3 to 3½ inches long, 1¾ to 1½ inches thick at the shoulder and 1 to 1¼ inches thick at the bottom. It is decidedly stumped rooted, and the crown is slightly hollow with small and fine tops. The color is bright orange scarlet. The roots are usable when very young. Pkt. 10 cts., oz. 15 cts., ¼ lb. 30 cts., lb. \$1.00, postpaid.



OXHEART CARROT

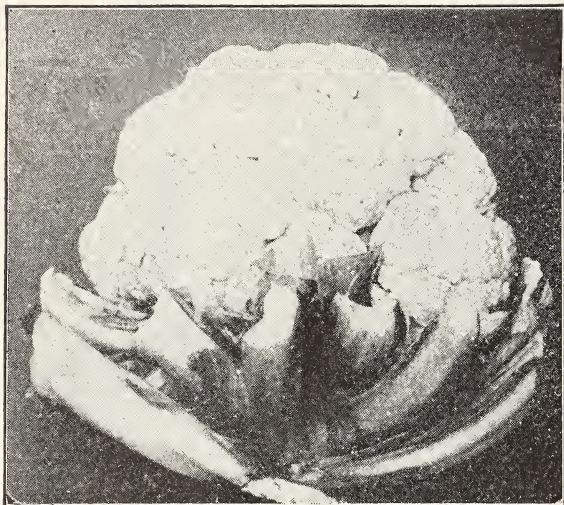
Our seed produces perfect specimens

Cauliflower

Requires very rich soil, cool seasons, and abundance of moisture. Grown same as cabbage either as a spring crop or for late fall.

Late in May or during early June preparations are made for the main crop in the fall. Seeds are sown in rows, 18 inches apart, covered $\frac{1}{4}$ inch. Late in June plants are set in rows with 2 or 3 feet between the rows, 18 inches to 2 feet between the plants, to be cultivated like cabbage. For best results, use abundance of available plant food and a constant water supply. Clear and thorough cultivation is absolutely essential. Hoe right close to the plants, giving shallow cultivation as they expand. When the young heads begin to form, draw some of the leaves across to prevent the sun from discoloring or scorching them. This may be done by tying the large outside leaves at the tips with soft twine. One ounce of seed will produce about 3,000 plants $\frac{1}{2}$ lb. enough seed for an acre.

(Our Leaflet "How to Grow Cauliflower," free when asked for)



"HOLCO" EARLIEST CAULIFLOWER

It is remarkable for extreme earliness and certain to produce heads

Six Weeks. This new sort will mature in six weeks after transplanting from cold frame; grows equally well in all climates, and can besides be used for early and late outdoor crop with the same excellent result. Seed grown by originator in Holland. Pkt. 20 cts., $\frac{1}{2}$ oz. \$1.10, oz. \$2.00, $\frac{1}{4}$ lb. \$6.00.

Dry Weather Cauliflower

Reaches Perfection When Other Sorts Fail

Variety is about ten days later than our Snowball. Dwarf growth, producing very large, stone-hard and snow-white heads, fully protected by the foliage, especially fitted for dry and hot weather and for sections subjected to long dry seasons, a sure header when all other sorts fail. Cannot be forced; but is, in culture on open ground, the Cauliflower that gives the highest yield. Pkt. 25 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50, $\frac{1}{4}$ lb. \$8.50.

Early Snowball. Very popular variety with few narrow gray-green, upright leaves, heads very white. Similar to the "Holco" Earliest, but not quite so early. Pkt. 15 cts., oz. \$2.00, $\frac{1}{4}$ lb. \$7.00.

Veitch's Autumn Giant. A large late cauliflower, producing quite compact white heads. These large late varieties are not nearly so reliable as the earlier Erfurt type. Known on the Pacific coast under the name of California Wonder. Pkt. 10 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.00, postpaid.

Mrs. W. W. Sykes, Richland Co., O.—"I am more than pleased with the results obtained from your seeds. Your Cauliflower seed is the finest I have ever grown."

"Holco" Earliest

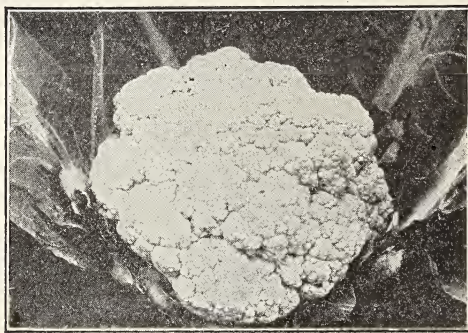
The earliest, quick-growing Cauliflower for family or market-garden, forcing or cold-frames. It heads where others fail. "Holco" Earliest is superior to all others. The earliest of all Cauliflowers. Its close-growing, compact habit, enables one-third more to be planted on the same space of ground than can be done with other varieties. For forcing under glass during winter and spring, "Holco" Earliest is peculiarly well adapted, from its dwarf growth and short outer leaves. Carefully grown for our trade in Denmark, where the finest Cauliflower is produced. Pkt. 25 cts., $\frac{1}{4}$ oz. 75 cts., oz. \$2.50, $\frac{1}{4}$ lb. \$8.50.

Mrs. Cora Yeater, Ashland Co., O.—"Two years ago I sent to you for all my garden seeds, and I never had as nice and good a garden as I had then, so please send me a seed book, as I want to send for seeds."

Samuel J. Hardy, Mille Lacs Co., Minn.—"I am sending my compliments of your seed for 1921, especially the Danish Roundhead Cabbage. I sold them this fall and could have sold all I had. I have always had good success with Holco seeds, no matter what the variety. Am especially pleased with Danish Roundhead Cabbage, Nantes Carrot, and Earliana Tomato."

Geo. Lindner, Marquette Co., Wis.—"We wish to acknowledge the success we had the past two years in growing your seeds. We have found them to be the best we have ever sown, good to grow and good to produce."

Mr. A. F. Erdman, O.—"We were well pleased with our seeds."



DRY WEATHER CAULIFLOWER

A drought resister

Early Dwarf Erfurt. One of the very best varieties for field cultivation, especially for late crops. Under ordinary conditions produces large, deep and very solid white "flowers." Pkt. 15 cts., oz. \$2.00, $\frac{1}{4}$ lb. \$7.00.

Cauliflower Plants. Ready in season; transplanted stock. (Write for Prices.)

Cauliflower requires a rich, well manured soil and a cool growing season. In the South it is usually planted in the fall to grow during the winter. In the North it is planted either very early in the spring for a summer supply or during May and June for a fall crop. Write for our free leaflet, "How to Grow Cabbage and Cauliflower."

Celery

One of the most popular vegetables for the table during fall and winter. Celery seed is slow to germinate, and ample time must be given. Sow seed in seed beds or boxes during February or March. Set plants in rich soil during June or July, six inches apart. Make the trenches 6 to 8 inches wide at the bottom so that rains will not wash the earth over the young plants. As plants grow, cultivate the ground into the trenches. When plants are large, heap earth around stalks to whiten them. One ounce will produce about 8,000 plants, one-fourth pound for an acre.



HOLMES' EMPEROR CELERY

The Best and Richest Nut Flavored Celery Grown

Holmes' Emperor Celery

Largest, Most Solid and Finest Nut Flavored Celery Grown

Excels by far the Pascal, Columbia, or any other winter sort. The tops are green while the outer stalks blanch a beautiful white, with rich yellow heart. The plants are dwarf, and therefore much easier to blanch than the taller growing sorts. The plants average from sixteen to eighteen inches in height, while the blanched part is seven to ten inches long. Stalks are smooth, almost round, very brittle, with a distinctly rich, crisp, nutty flavor. It is an excellent keeper, a sort that, once grown by market gardeners or home gardeners, will always be grown. It is simply delicious. Since the introduction of the Holmes' Emperor Celery in 1912, it has been renamed Fordhook Emperor. Holmes' Emperor has been grown by the largest growers of celery in America, as well as abroad, who have pronounced it as the finest nut-flavored and best keeping sort of outstanding merit. Everybody who has grown it praises it. Pkt. 15 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.25, lb. \$7.50, postpaid.

Mrs. Harry Bierman, Columbiana Co., Ohio.—"Our friends thought they never ate better celery than the Holmes' Emperor, and wondered where we got the seed. So I would be pleased to have you send a catalog to this address."

F. Burman, Richland Co., Ohio.—"Your strain of Golden Self-Blanching Celery has proven to be the best in quality."

Golden Self-Blanching or Paris Celery

Finest French-Grown Seed

This variety, of French origin, is becoming more popular every year, and is now one of the most extensively grown sorts, both for private use and for market. American Golden Self-Blanching has given satisfaction in the family garden, yet most of the larger growers in Ohio, New York, Michigan, Florida and other States insist upon having only French grown seed even though it costs double the price. We handle the originator's seed only, no other imported seed of this variety.

We offer two strains of this variety as follows:

Old Strain. The stalks are of dwarf compact growth, being thick, crisp and brittle, hearts large and solid. Pkt. 15 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1.00, $\frac{1}{4}$ lb. \$3.25, lb. \$12.00.

New or Improved Strain. Retains all the characteristics of the old variety, but is stronger in all its parts, with taller stalks more regular in type. It grows more rapidly, and as it requires more space should not be planted as close as the old strain. It is therefore a better celery for early use or for market. The new strain is more vigorous, of faster growth, and resists the attacks of blight much better than the old strain. This is the same strain we sold last season from which the most glowing reports have been received. Our seed is grown in France by the originator. Pkt. 15 cts., $\frac{1}{2}$ oz. 60 cts., oz. \$1.00, $\frac{1}{4}$ lb. \$3.25, lb. \$12.00.

White Plume. Earliest and most easily blanched, but does not keep well if taken from the trenches. The plants grow rapidly and blanch easily during the summer months. Later in the fall the central stalks and leaves are of pure snowy whiteness, even without earthing up, but stalks should be gathered together and earthen up as in other varieties, so as to produce close, attractive bunches. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Columbia

A valuable Celery to follow Golden Self-Blanching. Stored at the same time, it will be ready just as soon as the Golden Self-Blanching is gone. The stalks are broad and thick, almost round, solid and of the highest quality, and very attractive in appearance. The foliage is of a distinct light shade of green with a tinge of yellow. The plant is of medium height, blanches easily and is a good winter keeper. An excellent home or market sort. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00, postpaid.

21 WESTERN PRODUCE & SEED CO.
612 WATTS' BUILDING, CHICAGO



THE HERR-WARNER CO.
GROWN IN FRANCE
GROWN IN FRANCE
GROWN IN FRANCE

LODI, OHIO.

Oct. 10, 1923

The Holmes-Letherman Seed Co.,

Canton, Ohio.

Gentlemen:—

We have been using your Paris Golden celery seed for several years past in our celery fields at Lodi, and it gives us pleasure to say that it has proved uniformly satisfactory, both as to quality and strain.

The Improved Golden which we purchased of you last Spring produced celery of as fine quality as we ever grew.

Yours very truly,

The Herr-Warner Company.

T. M. Housley, Cuyahoga Co., Ohio.—"Your seed was all very good, gave perfect satisfaction. I will be wanting some more of the Holmes' Emperor Celery seed next year."

Easy-Blanching Celery

The Easiest and Quickest to Blanch

A variety of great merit, with remarkably easy-blanching qualities. Plant is of medium height and compact, having light-green foliage, stalks are thick, very tender and brittle, with a rich flavor. Those who have never been successful in growing good celery may plant it with the assurance that the crop will equal in quality and appearance any celery grown by commercial growers, and it will be found useful for early crop. The plants make a quick healthy growth. In some sections where the land has become worn out, or "celery sick," celery has failed to produce good crops. On such land as this, Easy-Blanching Celery has been grown with remarkable success, producing just as good crops as ever. We have an excellent strain of this celery. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts., $\frac{1}{4}$ lb. \$2.00, lb. \$7.50.

Giant Pascal. Stalks are dwarf, stocky growth, broad, thick, solid, stringless, almost as brittle as glass; fewer in number than in ordinary kinds of Celery, but making full weight by reason of width and thickness. An elegant winter keeper for home or market. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.



GOLDEN SELF-BLANCHING CELERY (New Strain)
(See Page 13)
Excellent for Home or Market

Chicory

Plants should be thinned out to stand four to six inches apart. One ounce to 100 feet of row.

Large Rooted, or Coffee. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Witloof-Chicory, or French Endive. Is used principally as a winter salad. Sow seed in the open ground. The roots are lifted in the fall, and stored in a cool place until wanted for forcing. They can be forced in any warm cellar. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.



EASY BLANCHING CELERY

Grown from Our High Quality Seed. One of the Best for Market

Peter Nei, Huron Co., Ohio.—"Easy-Blanching Celery seed purchased of you produced the finest celery we ever had. Kindly send me $\frac{1}{2}$ lb., and 1 lb. of your 'Holco' Ohio Yellow Globe Onions."
Mrs. Noah J. N. Miller, Tuscarawas Co., Ohio.—"Your Easy-Blanching Celery and Copenhagen Cabbage were fine."

Celeriac

Turnip Rooted Celery. An excellent thing in its way. It is used for flavoring and is in wide demand. Culture is the same as celery. As the roots are the edible portion, it requires no hilling. Is early and smooth. Pkt. 10 cts., $\frac{1}{2}$ oz. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Corn Salad

The directions given for growing spinach apply to corn salad as well. Leaves should be gathered when four to six inches long. Served in connection with other salad plants, corn salad is very palatable. The first crop is ready sixty days after planting. It is quite hardy and after cool weather sets it can be protected by a thin mulch of soft hay or straw. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, postpaid.

Cresses

Curled Cress, or Pepper Grass. Is one of the most appetizing of all spring salads. Makes a very rapid growth in any garden soil. Should be cut often and it will continue to grow. Used not only for salad, but for garnishing. Sow very thinly in rows, a foot apart, cover lightly. Make repeated sowings every two or three weeks. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts., postpaid.

Water Cress. Should be sown in damp soil; or if a stream of water can be utilized, it will be much finer. Will also thrive well in damp hotbeds. Rightly managed, its culture is very profitable. Being hardy, it will thrive year after year, after becoming established. It can also be grown in pans, boxes, or bowls, in the house, giving it a sunny window. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.50, postpaid.

Sweet Corn

Always does well on sod land, or where clover has been turned down. Plant when danger of frost is over, five to six seeds one inch deep in hills three feet apart. When the plants are four inches high pull out all but two or three plants to each hill. Make new plantings every two weeks until July 10th, so as to have corn for use during the entire season. Use two pounds for 600 hills; 12 to 16 pounds to the acre.



Holmes' Premo

The Sweetest and One of the Earliest White Kernelled Table Corn

Holmes' Premo. Ready for the table in 60 days. Must be planted fully as early as the Adams. The young plants stand light frosts, where the other varieties are tender, and the seed will not rot when planted before the soil becomes warm. The stalks grow about 5 feet high, and bear two uniformly-sized, finely-appearing ears, 7 to 9 inches long, to each stalk. Holmes' Premo is of the best quality. The ears are well filled to the very tip. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more 20 cts. lb.

Golden Bantam. Earliest, hardiest and sweetest deep, yellow-grained variety. Golden Bantam is actually the finest flavored of all Sweet Corns. Can be planted thickly. The plants are dwarf, only 4 feet high, having 2 ears. On account of the firm substance of the cured grains it can be planted earlier than any other Sweet Corn, which, in itself, is a valuable quality. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 18 cts. lb.

Howling Mob. Large-eared early Sweet Corn. This excellent Sweet Corn originated in Lucas Co., Ohio. Ready to use within 3 to 5 days after Early Cory when both are planted at the same time. Ears measure 7 to 9 inches, with 12 to 14 rows of good size. Stalks are strong and vigorous, growth $4\frac{1}{2}$ to 5 feet in height, having abundant foliage, generally producing 2 fine ears to a stalk. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 18 cts. lb.

Mammoth White Cory. An early corn. Grains large and white and of remarkably good quality. The size gives it ready sale when the market is overstocked. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., 5 lbs. \$1.25, postpaid; 10 lbs. or more at 16 cts. lb.

Early Minnesota. Early sort. Stalks 6 feet high, bearing 1 or 2 ears. Ear 8 inches long, 8-rowed; kernels broad, sweet, tender. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., 5 lbs. \$1.25, postpaid; 10 lbs. or more at 16 cts. lb.

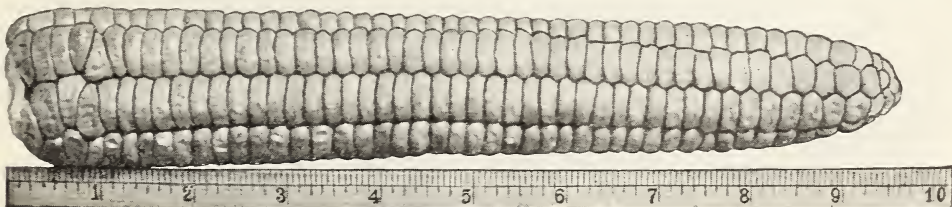
S. L. Shinn, Columbiana Co., Ohio—"This is the first order I ever sent to you, but I ate some Premo Sweet corn at a neighbor's last year, that was raised from seeds of yours and I thought it was excellent."

DeLue's Golden Giant

Has a small, stout stalk that carries large ears of corn, and for this reason will mature more quickly. The ears are much larger than Golden Bantam. It is very productive, and being hardy, the seed may be planted as soon as the ground becomes warm. Cob contains twelve to sixteen rows of long, thick grains of a deep orange color. Golden Giant has a deliciously rich sugary flavor, and is extremely tender. It is exceptionally early for such a large size ear. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., 1 lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.50. Postpaid. 10 lbs. or more at 22 cts. per lb.

Early Evergreen. Earlier than Stowell Evergreen. Ears about 7 inches long, have 16 to 18 irregular rows, with very deep grains. For home garden and market. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 5 lbs. \$1.25, postpaid; 10 lbs. or more at 16 cts. lb.

Borden's Wonder Bantam. A new variety of Sweet Corn with rich flavor, and sweet juiciness of the Golden Bantam, but with an ear eight to ten inches in length, filled with eight rows of golden kernels. This is a much more prolific bearer than Golden Bantam and matures about the same time. Tested this year beside Golden Bantam, it matured two days later. Other Sweet Corns brought out from time to time claiming superiority over Golden Bantam, have proved disappointing, but this one stands the test. Do not fail to include this fine variety in your order. We want everyone of our customers to grow Borden's Wonder Bantam. Pkt. 15 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. \$2.00, postpaid; 10 lbs. or over, 30 cts. lb.



BORDEN'S WONDER BANTAM

"Holco" Top Notch Sweet Corn

Top Notch is destined to become a leader among sweet corn. The plant is of dwarf habit and very hardy, capable of carrying a large number of uniformly large, thick ears, compactly filled from butt to tip with long white kernels of luscious tenderness. It excels in earliness and productiveness. A quick growing sort, being hardy, will stand early planting in the North. We are confident that this corn is worthy of a trial in every garden and truck patch. Pkt. 15 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 22 cts. lb.



COUNTRY
GENTLEMAN

Improved Bantam

A Large, Sweet, Yellow-Grained Sweet Corn Retaining Its Delicate Tenderness Even When a Little Old

Improved Bantam excels all the other medium early varieties of corn in size, productiveness, and quality, and all the late varieties in quality and early maturity while equaling them in size.

Because of its hardiness, it may be planted as late as July 15th in Northern Ohio.

The stalks grow six to eight feet tall producing two ears, about nine inches long, carrying twelve to fourteen rows of long, thick kernels of deep orange color. It produces an abundance of foliage for such a short stalk.

Improved Bantam is the corn for the home or market gardener who desires the greatest amount of the highest quality corn.

You can not make a mistake in planting Improved Bantam. Last year the demand again exceeded the supply and we were obliged to refuse many orders. Pkt. 15 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 22 cts. lb.

Black Mexican. Corn cooks remarkably white, but the ripe grain is bluish black. Is tender and of fine quality. Stalks about 6 $\frac{1}{2}$ feet high; ears about 8 inches long; usually 8-rowed. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 18 cts. lb.

Country Gentleman or Shoe-Peg. A mid-season Sweet Corn. Ears are large-sized, frequently three on a stalk, giving great depth to the grains. Ears average 8 to 9 inches in length. For sweetness none surpasses this variety. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., 5 lbs. \$1.25, postpaid; 10 lbs. or more at 16 cts. lb.

Stowell's Evergreen. Standard main-crop variety. Hardy, productive, very tender, sugary, remaining a long time in condition. Our stock has been carefully grown and selected. Ears about 8 inches long, 14 to 20-rowed; about 7 $\frac{1}{2}$ feet high. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., 5 lbs. \$1.25, postpaid; 10 lbs. or more at 15 cts. lb.

PLEASE NOTICE—If you want quantities of Corn, write us for special prices, stating quantities wanted.

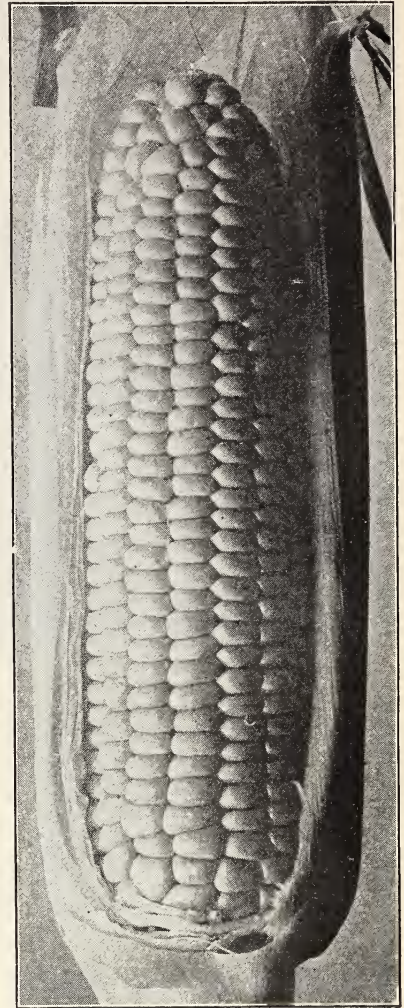
Ten Pound Prices Do Not Include Transportation

Pop-Corn

Japanese Rice. Also known as Tom Thumb, Australian Hulless. Japanese Rice is a dwarf-growing White Rice Pop Corn, a heavy yielder, and is ready for popping soon after it is husked. It has no hull or shell or hard center, is most tender, and of a delicious flavor when popped. You will not be without it if you give it a trial this year. $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid.

White Rice. Stalks grow six feet high. Produces 3 or more ears on a stalk. The grains are sharply pointed. $\frac{1}{2}$ lb. 15 cts., lb. 25 cts., 2 lbs. 45 cts., 5 lbs. \$1.00, postpaid. Write for prices on larger quantities.

Queen's Golden. Most popular. Pops perfectly white. Produces 3 or more ears on a stalk. $\frac{1}{2}$ lb. 15 cts., lb. 25 cts., 2 lbs. 45 cts., 5 lbs. \$1.00, postpaid. Write for prices on larger quantities.



DE LUE'S GOLDEN GIANT

See page 15

Dandelion

A hardy perennial; one of the greatest spring tonics. The broad-leaved cultivated form is far superior to the wild growing product. Sometimes grown and blanched like endive for salad purposes, it is generally cooked as greens. Seeds are sown thinly in rows fifteen inches apart and covered very lightly. One ounce of seed will sow three hundred feet of row.

Improved Thick-Leaved. A distinct variety unsurpassed in thickness of leaf and deep green color. It grows compactly, forming a regular upright tuft, and making an abundant crop without using much ground. Far superior to the Common variety and blanches almost naturally. Pkt. 10 cts., oz. \$1.00, $\frac{1}{4}$ lb. \$2.75, lb. \$10.00.

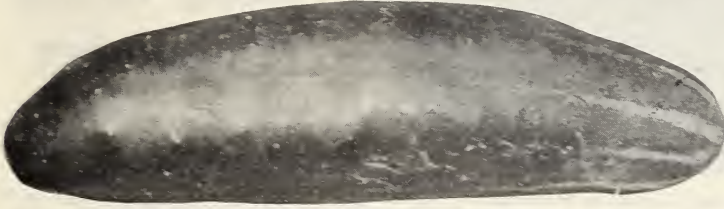
Wm. Kniggie, 68 Leveriza St., Ent. Pasay, Rizal, Philippine Islands—"Last year a friend sent me some of your seeds and they did splendid in this climate."

Mrs. Orlo Cole, Richland Co., Ohio—"I bought my seeds through your Company last year, and I had very good success in my gardening."

Cucumbers

Cucumbers should be grown in every garden to furnish both large fruit for slicing on the table and small young fruits for pickling. Plant ten to twelve seeds 1 inch deep in hills 4 feet apart. Later thin to two or three plants per hill. Do not plant until soil is warm and frosts are over. A second sowing may be made late in June and during July, for a fall crop. Hoe or cultivate only until plants start to vine, then pull weeds by hand. Should a little beetle with yellow-striped wings, visit the patch, fight him at once by spraying or dusting Arsenate of Lead or Pyrox. The richer the soil the more they grow. One ounce will plant 100 hills; 2 lbs. will plant an acre.

(Our seed is grown from selected stocks, and can be relied upon to produce smooth and uniform fruits)



"Holco" White Spine

Earliest—Prolific—Fine for Slicing

The fruits are 7 to 8 inches long when ready to pick, square ended, and uniform in shape, dark green marked with distinct white lines at the blossom end, and holding this color when on the market. Is most desirable for its extreme earliness.

A vigorous grower and enormously productive, setting a very heavy first crop when the market is highest, and continuing in bearing as long as any. They retain also their fine quality even after the seeds are well formed. Flesh white, crisp, tender, and of excellent quality. Splendid for table cucumbers and for market. Pkt. 10 cts., oz. 15 cts., ¼ lb. 45 cts., lb. \$1.50, postpaid.

"HOLCO" WHITE SPINE CUCUMBER
As they grow when you plant our High Quality Seed
Klondyke. This is one of the leading sorts for slicing and is in demand by Market growers. The fruits average 7 to 8 inches long, when ready to pick are about 2½ inches in diameter. Square-ended dark green, very firm, and the crisp, white flesh is of excellent quality. It comes into bearing a week later than Holco White Spine, and produces a heavy crop. The fruits never turn yellow and hold up well after picking. We recommend it for home and market growers. Pkt. 5 cts., oz. 15 cts., ¼ lb. 40 cts., lb. \$1.25, postpaid.

Extra Long or Evergreen White Spine. One of the very best white spine Cucumbers, due to its length, which oftentimes will be ten to twelve inches from end to end. Vines vigorous and strong, producing a heavy crop of fruit, which are smooth, dark, shiny green until a late stage of maturity. Pkt. 10 cts., oz. 20 cts., ¼ lb. 55 cts., lb. \$1.75, postpaid.

White Wonder. Is a smooth pure white, grows to a good size, flesh firm and crisp; used considerably for canning. Pkt. 10 cts., oz. 25 cts., ¼ lb. 75 cts., postpaid.

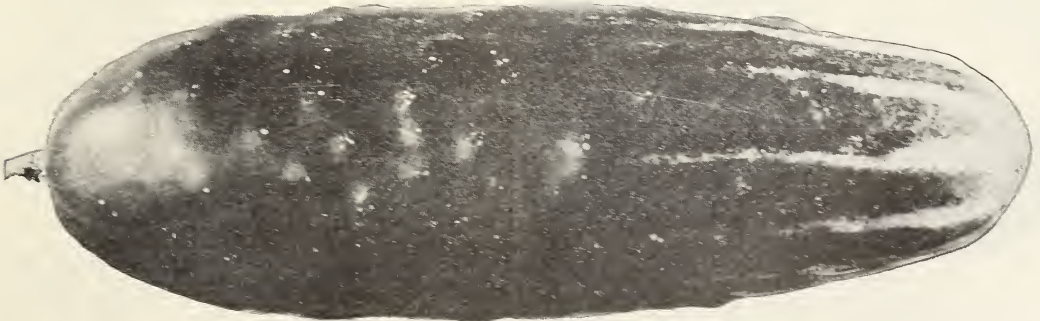


DAVIS PERFECT CUCUMBER
Always a good one

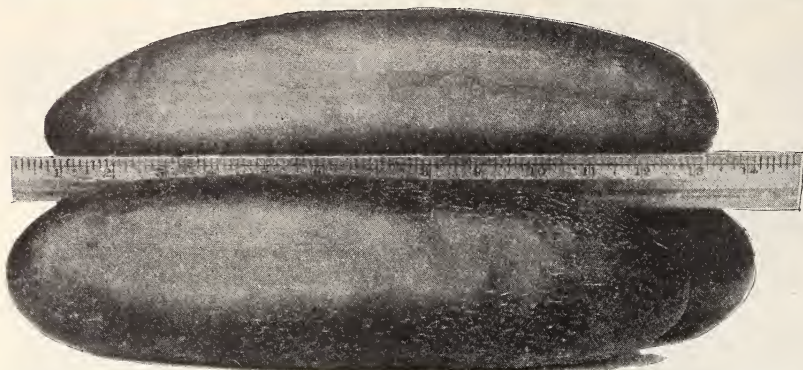
Gather the cucumbers as soon as they reach the right size. This will keep the vines bearing over a long time.

Early Fortune (Rich, Dark Green, "White Spine")

We believe we have the most uniform shaped, dark green White Spine Cucumber grown, and one which is most desirable on account of its attractive appearance and good quality. This splendid White Spine sort was discovered in a field of Davis' Perfect, and is quite distinctly in a class by itself. The plant is early, very vigorous, with an exceptionally heavy, thick foliage, and is almost disease resistant and very productive. Fruits are uniformly 9 inches long, slightly tapering toward each end, perfectly round and of a very rich, dark green color, which does not fade in shipping; flesh very thick, firm and crisp, and with exceedingly small seed cavity. Is excellent for slicing. **Early Fortune Cucumber** is one of the best that has been introduced in many years. If you do not grow this sort you should do so and give yourself one of the choicest cucumbers. Pkt. 10 cts., oz. 25 cts., ¼ lb. 45 cts., lb. \$1.50, postpaid.



EARLY FORTUNE CUCUMBER
Early, Prolific, Continuously Productive. The Finest for Slicing



Improved Long Green Cucumber

Long Green. Grows from 12 to 14 inches in length, and is of superior quality. The young fruits are very largely used for pickling, a standard sort for that purpose. Full-sized Cucumbers are in high favor for making the so-called sweet pickles. Vines are strong growers; while a shy seeder, the fruit is always produced in great abundance, making it one of the most productive varieties in cultivation. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 55 cts., lb. \$1.75, postpaid.

Arlington Improved White Spine. One of the earliest and very productive. Fruit quite uniform; about 7 inches long and well rounded at both ends; of bright green color. Used for early slicing and when planted late it produces good pickles. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Japanese Climbing. Good variety for training to a trellis. Form long fruit of rich dark green color. The flesh is white, crisp, good flavor. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00, postpaid.

West India Gherkin. Extremely small fruited variety, grown exclusively for pickles. Has no value for slicing. Very prickly, but tender and crisp if pickled when young. Seed germinates slowly. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

MARKET GARDENERS are requested to send us a list of the vegetable seeds they intend purchasing. We shall be glad to submit low prices on them. Market Gardeners who purchase seed in large quantities are entitled a reduction in accordance with the quantity bought. Write us fully and we shall be very glad to reply and give prices. It does not cost you anything.

Cucumbers—For Pickling

Snow's Pickling. An early maturing, very small dark green Cucumber, square ended, very firm and popular with growers for small pickles. We believe the seed we offer meets in all respects the requirements of those who want an ideal bottle pickle. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Chicago Pickling. This is one of the best and most prolific for producing pickles of medium size, both for home use and market. The vines are extremely vigorous, yielding a large number of fruits if kept gathered at the proper stage. Skin extremely thin, tender, and free from toughness when pickled. Fruits are pointed at both ends, of excellent quality, for dill pickle we recommend our Chicago pickle. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, postpaid.

Boston Pickling. This is a very prolific variety, largely grown for pickles. The fruits average 4 to 5 inches in length when large enough for slicing, and are of excellent quality; but it is chiefly for producing medium-sized pickles that this variety is so highly esteemed. If the fruits are gathered as soon as large enough, the vines will continue bearing through a long season. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, postpaid.



BOSTON PICKLING

James Paul, Trumbull County, Ohio.—"We had splendid success with our garden seeds last year. They were so fresh and it seemed as if every seed grew. Hope to have as good this season."



Early Cluster. This medium sized, bright-green variety, is one of the most prolific of our Cucumbers. Combined with extra earliness and productiveness, it is a strong, rugged grower and a continuous producer. Owing to its early maturity and thrifty growth, it will withstand unseasonable weather and produce good crops under adverse conditions. Not quite so large in size as some of the standard pickling varieties, yet it makes one of the very best varieties for home use or for growth as a standard pickle sort. Can be used for slicing. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, postpaid.

Cool and Crisp. Fine garden Cucumber, deep green, crisp. White Spine type, pure white when ripe. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Everbearing. Very early prolific. Fruits 4 to 6 inches long, quite thick and blunt at the ends; rich dark-green color. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Short Green or Early Frame. Very desirable variety for either pickling or table use. Fruit straight, small at each end; bright green. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Dill

Sow early in the spring, thinly in rows about $1\frac{1}{2}$ feet apart for hand cultivation or $2\frac{1}{2}$ feet apart if to be cultivated with horse. Cover seed about $\frac{1}{2}$ inch. Dill is used in large quantities for flavoring cucumber pickles; also for flavoring vinegar. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00, postpaid.

Eggplant

Sow seed in March in hotbeds or seed boxes, and when 3 inches high transplant into small pots. Plant outdoors after the weather has become permanently warm. The rows should be 3 feet apart and the plants set 2 feet apart in the row. Hoe frequently to keep soil loose and fine. One ounce of seed for 2,000 plants, $\frac{1}{4}$ lb. to an acre.

Black Beauty. While the Eggplant is naturally tender, the plants of this variety are remarkably healthy in their growth, and produce an abundance of large fruits fully ten days earlier than the New York Improved. The skin is rich purplish black, making the fruit very attractive in appearance. Entirely spineless. The quality is all that could be desired, and the fruits are solid, tender and of excellent flavor. Make a good show on the market-stall, always bring good prices. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

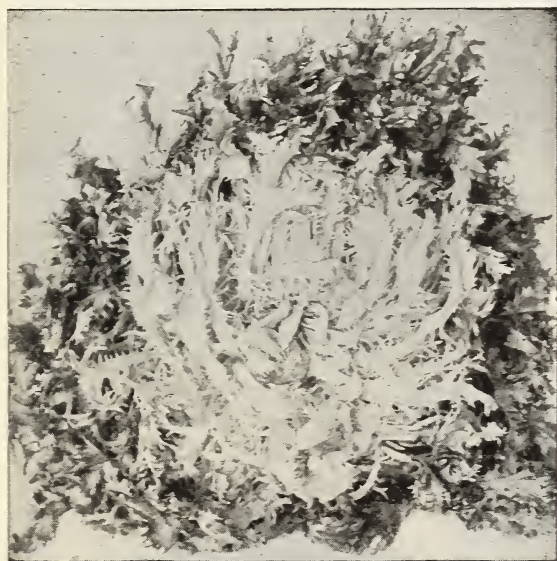
New York Improved Purple. The leading sort for home and market. Plant is a vigorous grower. Fruit large, fine and free from thorns, and produce until frost. Skin rich purple. Flesh white and of good flavor. We can highly recommend this carefully selected strain of Eggplant to market gardeners and amateurs. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.45, lb. \$4.75.



BLACK BEAUTY EGGPLANT
Plant our Superior Stock

Endive

Sow seed in April for early use, or for late use in June or July. When 2 or 3 inches high, transplant or thin plants to 8 inches apart. To blanch hearts, raise leaves and tie together over heart. Ounce of seed to 100 feet of row, $4\frac{1}{2}$ lbs. to an acre.



WHITE CURLED ENDIVE
Grown to perfection, Very Crisp

Kohl-Rabi

Sow seeds $\frac{1}{4}$ inch deep and later thin plants 4 to 6 inches. One ounce of seed will sow 300 feet of row; 4 lbs. to an acre.

Early White Vienna. A singular variety of Cabbage with a Turnip-like bulb which forms immediately above the ground; flavor of both Turnip and Cabbage. Should be in every garden. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Early Purple Vienna. The outside color is purple; flesh white and delicate. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

C. L. Schlott, Louisville, O.—"I found your seeds all O. K. Will be back next season."

Mrs. James Lebkisher, Ashland Co., O.—"I am sending you an order for seed. Am well pleased with your seeds. Your Dandelion seed of last year were certainly fine."

Green Curled. An extremely popular variety. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

White Curled. The most attractive in appearance, very crisp. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Giant Fringed. Has a large white heart. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

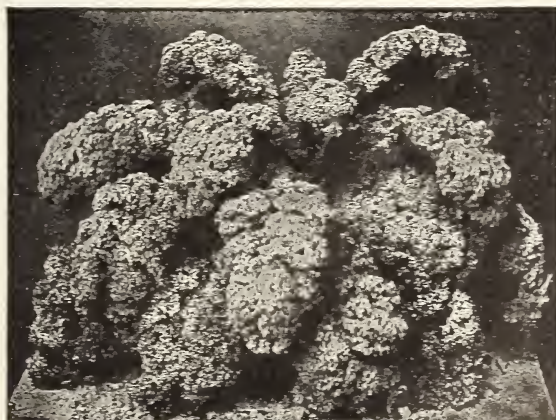
Broad-Leaved Batavian (Escarolle). Broad, thick leaves. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Kale or Borecole

Sow seed very early in the Spring, $\frac{1}{2}$ inch deep in rows 18 to 24 inches apart. Thin the plants until they are from 6 to 8 inches apart in the row. The main sowing is made in June for the fall, when Kale is at its best. Frost improves the quality. One ounce will sow a row 150 feet long.

Dwarf Green Curled Scotch. Largely grown for supplying "greens" during fall and winter, is used like spinach; also useful in garnishing. Leaves rich bright green color. The plants are very dwarfed. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Dwarf Siberian. This variety will stand a temperature of several degrees below zero. Its quality is not as fine as the Dwarf Curled Scotch. The leaves are broad, finely curled, but not as closely cut as the Scotch. Color is a deep blue-green. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.



DWARF GREEN CURLED SCOTCH KALE

Lettuce

To grow head Lettuce early, sow the seed in February or March in boxes, flats, or in hotbeds in rows. When an inch high, transplant to cold frames. From there set out in the garden as soon as the soil is warm, placing the plants 5 or 7 inches apart in rows while the rows should be 12 to 18 inches apart. Where there is no hotbed, sow seed outside when ground is warm and transplant. For loose-leaf or curly-leaved sorts, sow the seed either broadcast or in rows; make sowings every couple weeks for lettuce all summer, and cut as it comes. By sowing in rows the plants can be cultivated. Sow seed the last of August and in September to be transplanted to the cold frame in October. One ounce will sow 300 feet of row. 4 to 5 lbs. for an acre.

(Our Leaflet "Lettuce Culture for the Home and Market" sent free if asked for)



BIG BOSTON LETTUCE
Grown from Our Selected Stock

Big Boston Lettuce

**Big, Compact, Tender, Crisp
Creamy, Buttery Heads**

Head large, very solid, light green, of excellent quality. May be sown the whole season and keeps its head very well. Big Boston is the most satisfactory variety to force in greenhouses and gently forced in a moderate temperature it makes perfect heads. For spring and early summer crops in the open ground it always brings a good crop and in the fall is used more than any other lettuce because it is not harmed by the early light frosts. Big Boston Lettuce is extensively grown on muck land because of its fine heading qualities. It is of a delicate flavor, and a good shipper. No other variety that we know gives satisfaction under so many varying conditions. We heartily recommend our stock of Big Boston to the most discriminating trade. We believe the seed we offer is the best obtainable. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

FRENCH UNRAVELED. A sure heading variety which is suitable for growing at any season. Forms large, compact, buttery heads, and is slow to shoot to seed. The general character is similar to "Big Boston," except that the color is a lighter green and leaves are not tinged with brown. Valuable for growing in the open ground during spring and summer. The seed we supply was secured from the originator in France and produces heads which are far superior in every way to those grown from American grown seed. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

GIANT CRYSTAL HEAD. Our strain of this excellent lettuce is unexcelled for quality; produces big, compact butter heads, yellow as gold inside, delicious, sweet, tender and crisp. **GIANT CRYSTAL HEAD** stands out remarkably well. Try our strain of this wonderful lettuce. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

NEW YORK OR LOS ANGELES (Also sometimes called "Wonderful," "Imperial Valley," "Iceberg," "Mountain Iceberg".) This is the most largely used market lettuce, and is extensively grown for shipping, from the northern to the southern boundaries of the United States. During the year of 1921, California alone grew and shipped out of the state, over 9,000 car-loads. Our acreage of New York or Los Angeles is large and our trade runs into large proportions. The stock we use is carefully developed and pedigreed. Our crops are planted and rogued. We pride ourselves on having the best strain of this variety in existence. Pkt. 15 cts., oz. 35 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

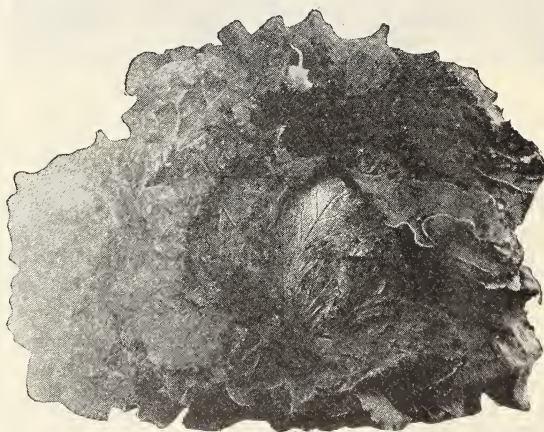
CRISP-AS-ICE. A most beautiful, attractive Lettuce of the cabbage type. The heads are solid, of immense size when well grown, and so exceedingly crisp, tender and brittle as to fully warrant the name Crisp-As-Ice. Glossy leaves are thick, nicely crimped and curled. Heads when cut open, have a rich, creamy yellow heart. A superior family and home market lettuce. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 65 cts., lb. \$2.00.

ICEBERG. A large, crisp lettuce, always tender. Iceberg stands hot weather remarkably well and is usually sown early in August for fall use. Give each head 14 inches in a row. The color is light green, lightly tinged with brown. Try this either for home or market garden. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

ALL-HEART. This splendid variety of head-lettuce has continuously grown in the favor of both private and market gardeners who have grown it, and is reliable hard-heading lettuce. It is adapted to both spring and summer use. The color is a beautiful yellowish green, and the flavor is excellent, being rich and buttery. This is the very best Lettuce for the privilege garden. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Chas. H. Daum, New Haven, Conn.—I have been fortunate to see some of your seed and would like to get a crop of your All Heart Lettuce before this season is over, as I think it is the best lettuce that I have seen around these parts.

MAY KING. Extremely early variety, forming fine hard heads within a few weeks after planting. Medium sized, light green, with buttery but crisp heads. Being of rapid growth, quick heading, it is especially recommended for home garden. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



NEW YORK LETTUCE

The most tender and richly flavored Head Lettuce

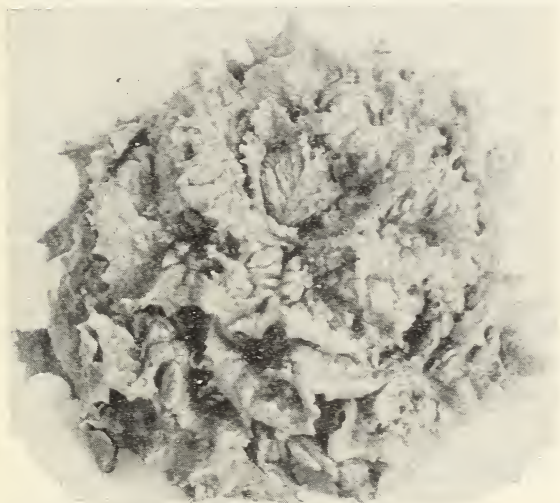
Lettuce—Continued

Improved Hanson. Very popular. It matters not whether grown to head in the early spring or in the hottest days of summer, the leaves are always crisp and tender. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, postpaid.

California Cream Butter. Very popular variety for autumn and winter use. Forms a large head, which is very buttery, of a rich golden-yellow inside. Leaves are thick, bright green, slightly tinged with brown on top of head. Easy to grow. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, postpaid.

Salamander. It is decidedly a butter-head variety, strictly cabbage-heading, large to medium in size, and standing well before shooting to seed. The color is light green, never spotted or brownish in any part; quality excellent and highly recommended for both private and market gardens, being a sure header. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, postpaid.

Dutch Speckled Butter. Solid heads of leaves are dotted with brown. Very hardy, large size; white, tender, crisp, of good flavor. Adapted for forcing or for open-air culture. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.



BLACK-SEEDED SIMPSON LETTUCE

Black-Seeded Simpson. The plants are very compact and grow quite large. The golden-yellow leaves are curly, finely fringed very crisp. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Early Curled Simpson. Loose-bunching sort. Crisp, tender; light-green in color. Very hardy, easy to grow for home, garden or market. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Prize Head. Very popular for the home garden. One of the very best loose bunching or non-heading varieties. Leaves brown, very curly, of remarkably fine flavor. Grows quickly and all except the outer row of leaves are very brittle. Is probably the most easily grown lettuce in cultivation. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, postpaid.

John Hergott, Richmond Co., Ohio.—"I had some of your seeds last year and had good service of same and would like to have your catalog this year."



GRAND RAPIDS A FINE FORCING LETTUCE

Grand Rapids Lettuce

Special Strain. Probably the best of the loose-leaved varieties. Never forms a head, but produces an abundant crop of pale green leaves, slightly but closely crumpled, which, even when old retain their characteristic tenderness and brittle character. We strongly urge those who cannot succeed in getting Lettuce to head to grow Grand Rapids. Owing to the fact that the lower leaves grow upright and clear of the ground, it rarely suffers from rot, and is therefore more largely grown for forcing than any other sort. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, postpaid.

Yoder Brothers, Barberton, Ohio.—"We are pleased to state that we have used Holmes-Letherman's strain of Grand Rapids forcing lettuce for six years, during which time we have found the strain relatively pure and entirely satisfactory."

S. Shisler & Son, Stark Co., Ohio.—"Out of 80,000 plants of Grand Rapids Lettuce grown from your seed, less than one-half dozen deviated from the true type. We found it to be as fine a strain as we ever grew."

Cos or Celery Lettuce

Paris White Cos. (Romaine). Is of distinct upright growth and esteemed for its fresh crispness and mild flavor. It is grown in the northern states during the late spring and early summer; throughout the Gulf Coast States it is grown for use during the cool early spring months. The growth is erect, about ten inches in height, the outer leaves being well folded towards the center. The interior leaves are blanched to a snowy white; very crisp and mild. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, postpaid.

Leeks

Closely related to the onion, being milder flavor and not forming bulbs. Instead, the plants have flat leaves, which form long, fleshy stalks. Excellent for soup and salads. Sow in the early spring, and when three or four inches tall, thin out to stand four inches apart in the row. With a slight protection, they can be left in the ground all Winter. One ounce will sow 150 feet of row; 4 pounds for an acre.

Large American Flag or Broad London. This is a strong-growing variety, producing large, thick stems of mild flavor. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.



LARGE AMERICAN FLAG LEEK

Muskmelon

Plant seed in hills 4 to 6 ft. apart each way, after danger of frost is over. Use well-rotted manure in the hills. Insert seeds just under surface of soil; thin out, leaving only four plants to a hill. A light, warm soil is best, but there are varieties adapted to heavy loams, if well drained. In hoeing draw the soil well up to the plants. Fight bugs with tobacco dust, arsenate of lead or Bug Death. One ounce to 60 hills; two or three pounds to an acre.

Tip Top. (Orange.) Fine, nearly round and always sells quickly on the market. Sweet, juicy, delicious; solid but not hard. Edible almost to the rind. Medium to large size, evenly ribbed and moderately netted; a strong grower and a heavy yielder. This melon has been grown for a number of years by market gardeners and has proven superior in every way. The seed we offer is extra select hand cut seed. This seed is cut from ideal types, the finest of the first melons to ripen, and is intended for the most critical trade. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00, 5 lbs. \$8.75.

Salmon Tint Pollock No. 10-25. When cut open, it makes a very attractive melon, pleasing to the eye, of rich luscious flavor and deep flesh. For the home gardener or the grower for the nearby markets, it is unexcelled in appearance and eating quality. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, 5 lbs. \$7.50.

Edward's Perfecto. A salmon-tinted cantaloupe similar to the Pollock but of a darker salmon color, a much smaller seed cavity, and a deeper flesh than any other type. Fruit very uniform in size, nearly round, and densely covered with a hard gray netting. Far surpassed other sorts with shippers this past season. Very popular with the large melon growers. Pkt. 15 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50, 5 lbs. \$10.00, postpaid.

Hearts of Gold. (Hoodoo.) (Orange.) There is no better melon than Hearts of Gold. Excels in uniform size, closeness of netting, roundness of form, tough rind, blight resistance. Flesh is of fine grain, sweetest flavor. The flesh is extremely thick, there being only a small seed cavity. Netting is heavy and close; melon solid, heavy, and firm at the blossom end. A wonderfully prolific melon, which nearly always produces a fine quality melon quite early in the season. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, 5 lbs. \$7.50.



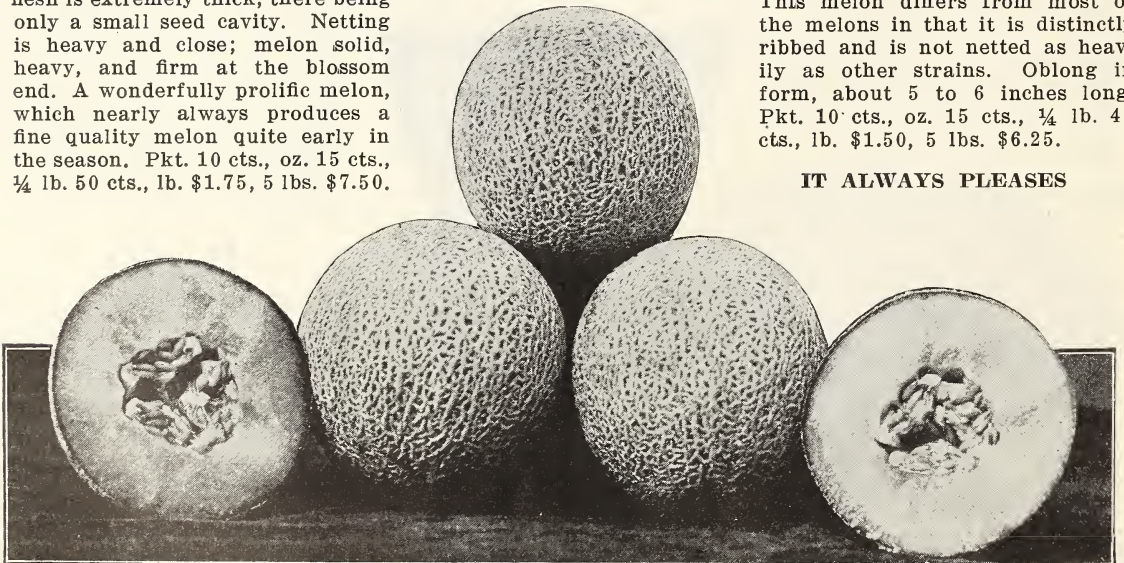
TIP TOP MUSKMELON
Very popular with the gardeners

Miller's Cream or Osage. (Orange.) We have a most excellent strain of this popular variety. Very prolific, fair sized, egg-shaped fruits, slight silver netting, thick orange flesh, fine grained and of spicy flavor; one of the best medium-sized melons for home growing and market gardener's use. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, 5 lbs. \$7.50.

Emerald Gem. (Orange.) Early, prolific. Ribs are marked, but the skin is smooth, of a deep emerald-green; flesh is thick and firm, ripening almost to the rind, richest flavor. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Burrell's Gem. (Orange.) Fine thick, flesh of rich spicy flavor, fine grained. This melon differs from most of the melons in that it is distinctly ribbed and is not netted as heavily as other strains. Oblong in form, about 5 to 6 inches long. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50, 5 lbs. \$6.25.

IT ALWAYS PLEASES



EDWARD'S PERFECTO CANTALOUPE
Spicy, salmon flesh, small seed cavity, exceedingly productive

Muskmelon—Continued

Gold-lined Rocky Ford

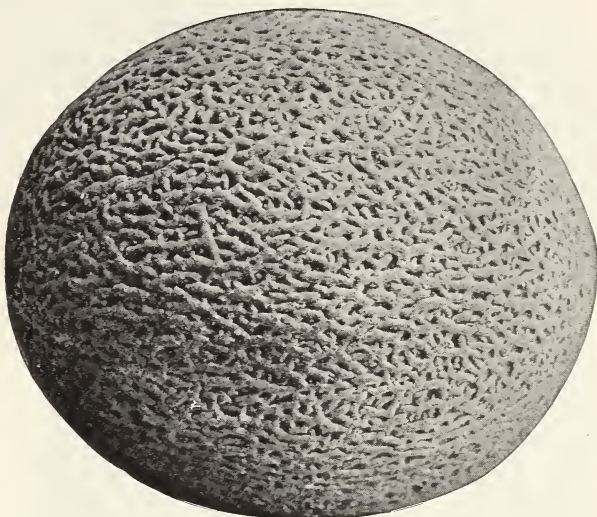
Sweetest; Most Delicious

This early green-flesh melon has proven all we claimed for it. Its popularity has increased and our sales have far exceeded our expectations. It is an ideal crate melon, fruits all being uniform throughout the fields, and loss from undersize and oversize is very small, and its quality cannot be excelled. Medium size, solid net, gold-lined next to a small seed cavity, excellent quality, vines hardy, thrifty and rust-resistant. Our seed is made up of the highest class of selected fruits. A wonderfully prolific yielder, producing its melons 10 days to 2 weeks earlier than the Rocky Ford. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, 5 lbs. \$7.50.

Rocky Ford or Netted Gem. (Green.) Original Strain. A popular early variety of cantaloupes adapted to the entire north and south for market and home use. The Rocky Ford is regularly ribbed, well netted, good size, and has thick green flesh of delicious flavor. Our seed is from crops grown exclusively for seed purposes, and is not the seed from the tail end of southern and Colorado shipping crops such as is commonly sold. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.50, 5 lbs. \$6.25.

Extra-Early Hackensack. (Green.) The fruits are very early ripening, large-sized, nearly round, evenly and deeply ribbed and with very coarse netting. Skin is green, slightly tinged with yellow as the fruits mature. Flesh is green, juicy, sweet. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Jenny Lind. (Green.) The earliest of the green-fleshed sorts. One of the sweetest. It is round or flattened at the end and small, being from 3 to 5 in. in diameter. The vines are very prolific. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.



GOLD-LINED ROCKY FORD
Most Delicious Green Fleshed Melon

Banana. Long cucumber shape; flesh orange color, delicious flavor. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Honey Dew Melon. The fruits are of medium size, round or slightly oval, with smooth, very firm light-green thin rind, measuring five to six inches in diameter by seven to eight inches long. The light-green flesh is thick and sweet, resembling a well ripened banana. To have the melon in best condition we suggest gathering as soon as they slip from the vine, and store in a cool place for two or three days before serving, as they apparently are at their best when a trifle over-ripe. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Remember, there's an entirely new and delicious flavor in Honey Dew Melon, different from every other melon.

Watermelons

Watermelons do best on light, well-drained soils, but some varieties are adapted to heavy loams. The hills should be 8 to 10 feet apart; plant 1 inch deep, 8 to 10 seed to each hill, using well-rotted manure. Later thin plants to 2 to each hill. Plant soon as ground is warm. One ounce of seed will plant 30 hills; 3 to 4 pounds to the acre.

"Holco" Melon Seed is carefully grown, and saved from crops grown exclusively for seed. All seed taken from selected melons only.

"Tom Watson"

Seed grown from the original stock which has been kept pure, and not the "runout" seed now generally sold

This is a splendid melon for shipping, for nearby markets and for home use. It comes as near being a combination all purpose melon as we have ever seen.

There has been much complaint about the Watson "running out" and this is absolutely true of a large part of the Watson seed on the market. It is seed saved from the tail end of the shipping crop, seed from malformed, rotten-ended runts and culls. You can't afford to plant such seeds.

In eating quality the Watson is away above the average and its tough, medium thick rind makes it ship equal to the old shipping sorts. Its dark green color and generally handsome appearance makes it a seller at top of the market prices. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00, postpaid. In 10 lb. lots or over, not prepaid, 90 cts.

Sweetheart. An early oval-shaped melon, light green mottled, with thick tough rind. Flesh light red, solid, of fine quality and flavor. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Kleckley Sweet

The Great Big, Sweet Juicy Watermelon

No other melon has ever attained such general popularity for home use and nearby markets as our Kleckley Sweet. Its eating qualities leave absolutely nothing to be desired. Vines strong and vigorous; melons medium to large in size; oblong, 18 to 24 inches in length, 10 to 12 inches through. Skin a very rich dark green color; flesh extra sweet and of brightest rich scarlet, ripening right up to the thin rind. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25, postpaid. 10 lb. lots or over, not prepaid, \$1.00 lb.

Harris' Earliest. Fruits exceptionally large for so early a variety, slightly oval, with irregular mottled, broad stripes of light and dark green; flesh bright red, sweet and tender; seed black. The vines are vigorous and productive. One of the best varieties for northern latitudes. We are convinced that it is the very best first-early melon for the home garden. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00, postpaid. 10 lb. or over, not prepaid, 80 cts. lb.

Peerless or Ice Cream. Fruit medium size, oval, bright green, finely veined. Flesh bright scarlet, crisp, tender and sweet. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00, postpaid. 10 lbs. or over, not prepaid, 80 cts. lb.

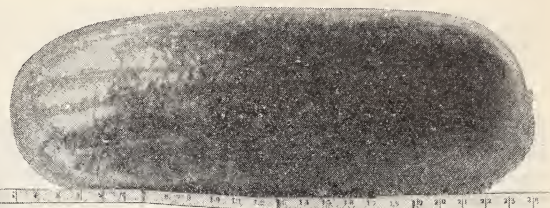
Watermelons—Continued

Cole's Early A Splendid Melon for the North

This is a fine Watermelon for family use and home market. Melons seldom over 12 inches long and 9 inches in diameter, but what they lack in size they more than make up in number and quality. Rind green, striped a lighter shade. Flesh bright red, crisp, delicate texture, juicy and sparkling. In flavor it is lusciously sweet and refreshing. Very early and will mature large crops in the Northern States. Seeds black. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00, postpaid. 10 lbs. or over, not prepaid, 80 cts. lb.

Halbert Honey

Sweetest of all Watermelons. One without strings in the flesh. Is excellent for home and nearby market use. Its delicious crimson-red flesh extends nearly to the skin, the rind being very thin and brittle. Its dark green skin makes it a very attractive melon. It is early, prolific, and grows to rather large size. For the finest eating melon, plant Halbert Honey. You will have the finest melons you have ever tasted. The rind is not tough or thick enough for long distance shipping. Just grow them for all you can eat and sell locally. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00, postpaid. 10 lbs. or over, not prepaid, 80 cts. lb.



TOM WATSON WATERMELON

Just as they grow

Irish Grey. A melon you will like. This new sort is one that has attained great popularity on its merit. It is a combination melon, equally good for shipping or for home use, being equal to, or better than the Watson in that respect. It's sweet; the flesh red, crisp and free from stringiness; color of rind a mottled greenish grey, entirely distinct. Rind is thin but very tough. Vines very vigorous and healthy. Plant Irish Grey for home or market use, and you will be delighted. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00, 10 lbs. or more 85 cts. per lb.

Colorado Preserving Citron. Excellent for making preserves. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Mustard

The seed leaves are used for salad; when older, they are boiled for greens. One ounce will sow 75 feet of drill.

Ostrich Plume. Has beautiful dark green leaves which curve outward like fine ostrich plumes. It stands well even during the hot summer months. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

White London. Generally used while young in salads and garnishing. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

Okra or Gumbo

Sow seeds when ground is warm, one inch deep, a few inches apart, in rows 3 to 5 feet apart. Thin plants to 18 to 24 inches apart. Pick young pods every day to keep plants bearing. One ounce of seed to 100 feet of row; eight lbs. to an acre.

White Velvet. Long, slender white pods; smooth and velvety in appearance. Lady finger. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 60 cts.

Perkins Mammoth Long Pod. This is by far the best sort for market. Ready to use in 50 to 55 days, pods slim, dark green, frequently 9 to 10 inches long. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 20 cts., lb. 60 cts.

Onion Sets

One pound will plant 40 feet of row; eight bushels to an acre. Onion Sets are subject to market changes.

Yellow Globe Sets. Per lb. 25 cts., postpaid.

Yellow Bottle Sets. Per lb. 50 cts., postpaid.

White Sets. Per lb. 35 cts., postpaid.

(Write for prices on larger quantities.)

Egyptian or Perennial Tree Sets. Ready in August. Per lb. 25 cts., postpaid. (Write for prices on larger quantities.)

John H. Hoover, Atwater, O.—"The seed and Yellow Globe Onion sets I received from you last year were very satisfactory."

Parsley

Sow the seeds as early in the Spring as the ground can be prepared. Cover from one-eighth inch deep, and allow eighteen inches to two feet between the rows. Parsley seed is very slow to germinate and often a month will elapse before seedlings appear. Thin out the plants, when large enough, to stand, six inches to a foot apart. One ounce to 150 feet of row; three pounds to an acre

Champion Mass Curled. Compact growing, densely curled sort. Owing to its dark green color, it is popular with market gardeners; very useful for garnishing. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Double Curled. Is upright in growth. For this reason is preferred by many market growers. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Plain. Excellent for seasoning. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 85 cts.

Hamburg Turnip—Rooted. Edible Roots are long, rather early, and in appearance much like a parsnip. The foliage is the same as that of the common parsley. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Parsnip

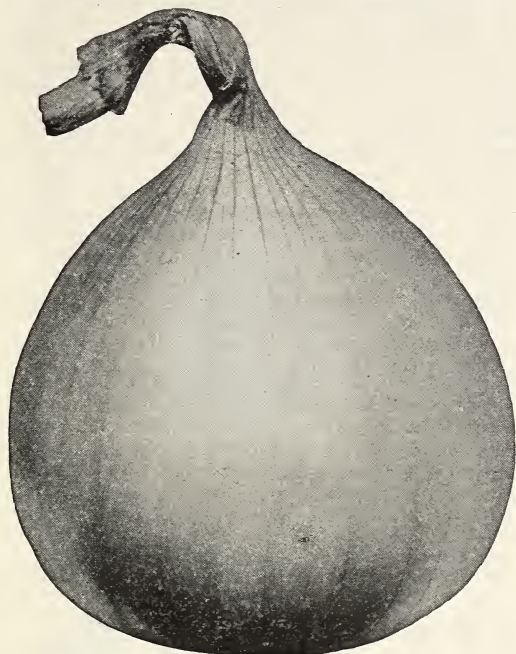
Sow as early in the spring as the weather will permit, in drills 18 in. apart and $\frac{1}{2}$ inch deep, in a rich, deep soil; thin out 3 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. One ounce for 200 feet of row; five to six pounds for an acre.

Long, Smooth Hollow Crown. Roots about 15 inches long with a diameter at the top of 2 $\frac{1}{2}$ to 3 inches. Skin white, smooth, very productive, but requiring a deep soil. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

Guernsey. Handsome, white, thick root which is shorter than the Long Smooth Hollow Crown. Clean skin, very fine, grooved neck. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

Onion

HOW TO GROW GOOD ONIONS: For dry (fall) bulbs; select a clean, rich, well-drained and well-manured piece of land, prepare a perfect seed-bed, and sow seed in early spring in drills 15 in. or so apart. Use wheel hoe and weeders freely, and thin plants to stand at least 2 in. apart in the rows. Pull when tops begin to die down, cure and sell, or store in a cool, dry place. **FOR SETS,** select clean, sandy soil of medium fertility, prepare it well in early spring, and at once sow seed in drills a foot apart, using 40 to 60 lbs. of seed to the acre. One ounce for 100 feet of row; four to five pounds for one acre.



"HOLCO" OHIO YELLOW GLOBE ONION

A perfect specimen grown from our Quality Seed

Mountain Danvers. This seed is grown at a high altitude, where the season is short, and which insures very early maturity, causing the bulbs to ripen up hard and solid. The necks are thin and will keep with less shrinkage than other onions. This is a very popular sort among those who have grown it. Color, heavy yellow. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Southport Yellow Globe. This strain of Globe Onion produces onions with a brownish-yellow skin, fine-grained white flesh. Has been selected to the slim or slender neck which makes it earlier and insures ripening of the bulbs. Tops die early and uniformly. The onions average from 2 to 2½ inches in diameter. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

Southport White Globe. True globe-shaped, the onions are 2 to 2½ inches in diameter, with a thin, delicate skin of purest whiteness, fine-grained, of a mild flavor. We firmly believe there is no better strain than ours. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts., lb. \$3.00.

Southport Red Globe. Handsomest of all red Onions, large and most perfect Globe shape, the onions are 2 to 3 in. in diameter. Remarkably uniform in size and form, are thin necked, ripening down to a solid ball. Its long keeping qualities make it an excellent shipping onion. A vigorous grower and a heavy cropper, very hardy. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Robert Rand, Minnesota.—"We harvested the largest crop of onions this year from your Yellow Globe Danvers Seed. The onions were large and the finest we ever grew. In the hot-bed the seed germinated 96%. We will plant 65 acres next spring. Send your catalog."

PLEASE NOTICE—If you want larger quantities of Onion Seeds, write us for special prices, stating quantities wanted.

"Holco" Ohio Yellow Globe

**Heavy and Solid—Enormous Yielder—
Keeping Qualities Unsurpassed**

The most perfect strain of Yellow Globe Onion in existence. Early, sure cropper, largest yielder, long keeper. Mildest in flavor, attractive, handsome, bright, even color, ripens early and all at once; necks very small, and cure down to almost nothing. The firm, solid bulbs are excellent winter keepers, and enormous yielders. This Onion is good for all classes of soil and on account of its quick maturing qualities we consider it to be the most valuable yellow onion for all markets.

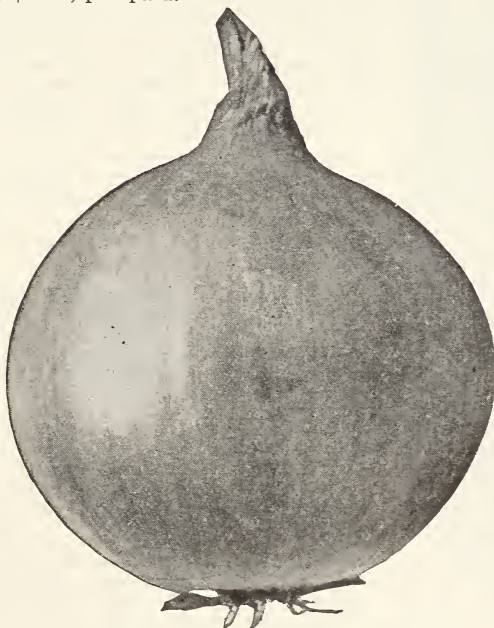
As this is one of the most profitable market garden crops, needing a considerable outlay, too much care cannot be exercised in selecting the Stock Seed, the largest can only be obtained from planting most carefully selected seed. A few dollars an acre invested in seed of extra quality is made up many times in the crop raised from it.

Our supply of seed is grown in Northern Ohio. We can recommend this strain to the most critical grower. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Yellow Globe Danvers

Heavy Yielder and an Excellent Keeper

Handsome bright yellow color, large in size, Early and heavy cropper. Our Yellow Globe Danvers are selected to a high standard of perfection. When at maturity the tops disappear, leaving the bulbs with small neck, clean and solid. We have supplied onion growers with thousands of pounds of this seed. Why grow ordinary Onions when you can procure a new crop seed from this wonderful strain of Onions at the following Special Prices. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.



YELLOW GLOBE DANVERS ONION

Onions—Continued



A FIELD OF OUR HOLCO OHIO YELLOW GLOBE ONIONS, GROWING FOR SEED

The Quality of the Seed you plant will be making your garden's success or failure months after the cost is forgotten.

Prize-Taker. (American Grown). The king of all Yellow Globe Onions. A bright, clear straw-color, always grows a perfect globe. A very small neck and ripens up hard and fine, flesh is pure white, fine grained, mild, delicate flavor. Of immense size, measuring from 12 to 16 in. in circumference. In market it never fails to attract attention on account of its beauty, and sure to bring a far better price than other onions. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

White Portugal (Or Silverskin). Bulbs grow to a good size, ripening early, and have a somewhat flattened shape. Flesh is mild and sweet, the thin skin silvery white. One of the best for slicing or boiling, also pickling. When seed is sown at the rate of 25 lbs. per acre it makes bulbs of suitable size and most desirable for pickling. Largely planted for producing white sets for early spring and late fall planting. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Extra Early Barletta. A small flat, pure white onion, running from 1 to $1\frac{1}{2}$ in. in diameter and should be left to grow quite thickly in the row. These are mainly planted to produce small onions for pickling. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50.

Large Red Wethersfield. In color the skin is deep rich purplish red, flesh white, lightly tinged with pinkish rose. Onion weighing 1 lb. from seed is not uncommon. Our strain Large Red Wethersfield has a small neck, is entirely free from scallions or thick necks. Well flattened, solid, of remarkably mild flavor for a dark onion. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75.

"D. N. Bower, Carroll Co., O.—"The Large Red Wethersfield Onion Seed that you sent me last year was fine."

Pumpkins

Pumpkins will grow almost anywhere, but thrive in rich soil. Many pumpkins are exceptionally good for pies; other sorts are fit only for feeding live stock. Plant in hills 8 to 10 feet apart, using 8 to 10 seeds to a hill. Plant seed one inch deep. Later thin to 2 or 3 plants to a hill. One ounce for 200 feet of row. $\frac{1}{4}$ lb. for 75 hills. 3 to 4 lbs. to an acre.

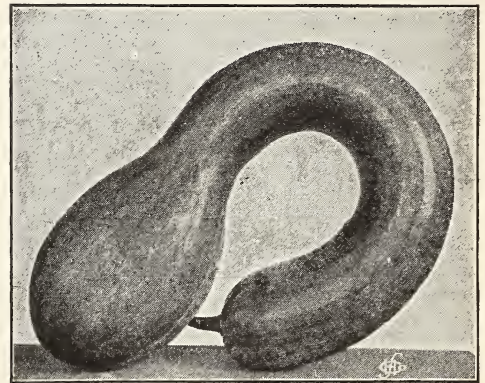
Mammoth Golden Cashaw. Also known as Crookneck. One of the widely popular varieties. Two ft. long, light colored. Flesh yellow, solid, sweet; excellent for pies. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Green Striped Cashaw. An improved strain of the old Cashaw. Beautiful in appearance; a distinct, mottled green, white-striped. Fruit solid; averages 15 to 25 lbs.; flesh yellow, fine grained, sweet and excellent for pies. Sells well on the market. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Japanese Pie. High quality Pumpkin of Japanese origin. Flesh is very thick, a rich salmon color, fine grained, dry and sweet. Seed cavity small. Of medium size, early, very productive and a good keeper. Highly desirable as a pie or cooking pumpkin. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

King of the Mammoths. Fruits grow to enormous size, sometimes reaching 2 ft. or more in diameter and from 100 to 200 lbs. in weight. Salmon-orange skin; very thick, bright yellow flesh, which is fine grained, tender, of excellent quality for pies. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 45 cts., lb. \$1.50.

Small Sugar. Small size, averaging about 10 in. in diameter; of excellent keeping qualities, flattened or slightly ribbed. Skin deep orange-yellow, flesh very sweet and tender. One of the best for pies. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.



MAMMOTH GOLDEN CASHAW PUMPKIN

Field Pumpkins

They are excellent for feeding stock, and should be grown in every corn field.

Connecticut Field. This is widely known as the Yankee Cow Pumpkin, and there is no variety that will do as well among the corn. Oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

Mixed Pumpkin Seed. We offer a mixture of Pumpkin seed, consisting of field sorts, and also the choicest pie pumpkins. Oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts., postpaid.

Peas

The pea should be planted very early in the Spring, and if dwarf sorts are used for the first plantings we should have them for the table in most sections of the north, not later than June 15th. The smooth dwarf sorts are highly satisfactory. Peas may be had during most of the summer and they should be grown much more largely for canning and drying. They require a fairly rich soil and the taller sorts should be well supported to secure maximum yields. Two pounds to 100 feet of row, 100 pounds to an acre.

Extra-Early Smooth Peas

Alaska. Also called "Earliest of All." The most extensively used Smooth Pea. Popular with early market gardeners owing to its abundance of pods and uniform maturity. Vines growing 20 to 30 inches. Pods $2\frac{1}{2}$ inches long, straight, round, well filled. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., 5 lbs. \$1.25, postpaid; 10 lbs. or more at 20 cts. lb.

"Holco" Market Gardener Extra-Early. A large-podded extra-early. This superb strain excels in purity of stock and freedom from sports all other extra-early peas ever offered in this or any other country. Equally as early as Alaska, the peas are much better in flavor. The vines are quite slender, of very quick growth, and average eighteen to twenty-four inches in height. The pods are well filled, and the entire crop can be gathered in one picking. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Carter's Eight Weeks. This is one of the very earliest sorts, and of exceptionally fine quality for a smooth-seeded variety. Will give a large yield on a small space of ground. The vines grow 10 to 15 inches high, and are very uniform. Excellent for a small garden. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.



"HOLCO" MARKET GARDENER
EXTRA EARLY PEAS

Extra-Early Wrinkled Peas

Premium Gem or Improved Little Gem. Early, prolific, uniform in growth and productiveness, bearing pods on both sides of the stalk, beginning near the ground. The peas, wrinkled, are of good quality. Pods $2\frac{1}{2}$ inches long, nearly straight, round, well-filled to the end. Height of vine 18 inches. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 30 cts., 2 lbs. 55 cts., 5 lbs. \$1.25, postpaid; 10 lbs. or more at 20 cts. lb.

Little Marvel. A dwarf, first-early wrinkled Pea of unusual value. The demand among market gardeners for this variety is already enormous. Height of vine 15 inches. The pods 3 inches in length, frequently borne in pairs. The pods contain 6 or 7 large, dark-green peas, which remain in good eatable shape a week later than most other varieties. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Nott's Excelsior. Very heavy yielder. Peas wrinkled, height of vine 14 inches. Being more uniform, productive and earlier than others, is far more desirable. This pea is used in large quantities and is very popular. Pods $2\frac{3}{4}$ inches long, straight, round. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

American Wonder. Vigorous, productive, having the peculiarity of producing leaves on one side of the stalk. Very popular with private and market gardeners. Peas wrinkled, height of vine 12 inches. Pods $2\frac{1}{2}$ inches long, round, crowded to the end. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Sutton's Excelsior. This is probably the finest dwarf wrinkled Pea in cultivation and especially for private and market gardeners, bearing large, broad pods filled with large peas. Very tender, of most delicious flavor. In the front rank for earliness. Height of vine 18 inches. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Gradus. Here we have a large, early wrinkled Pea with a pod large as Telephone. This popular large-podded wrinkled pea of finest quality matures pods only two or three days later than the extra-earlies. The vine grows 24 inches high. It produces uniformly large pods, measuring from 4 to $4\frac{1}{2}$ inches in length, and well filled with very large peas of the finest flavor. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Ten-Pound Prices Do Not Include Transportation



GRADUS PEA



THOMAS
LAXTON

Peas—Continued



LAXTONIAN PEA

Laxtonian. The best first-early dwarf wrinkled Pea. Bears long, handsome pods while the vines require no staking. Is unequalled for extreme earliness, superb quality, and productiveness. The dwarf vigorous vines average fifteen inches in height and carry enormous crops of large, handsome pointed pods, generally borne singly, and tightly packed with 8 to 10 extra large, deep bluish-green peas. These peas are not only large in size, but of most luscious flavor. If sown thinly, say 4 inches between the seeds in the row, the produce will astound even experienced gardeners. Pkt. 15 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

Thomas Laxton. Abundant yielding, long-podded, extreme-early wrinkled Pea. The pods are a deep, rich green, square at the ends. The large peas present a

very attractive appearance, being a deep green, and are sweet and of fine flavor. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Carter's Daisy or Dwarf Telephone. Vines heavy, growing 20 inches with green foliage. Peas wrinkled. Pods $4\frac{1}{2}$ inches long, broad, straight, rounded at the point, and well filled, containing 8 and 9 peas. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

Telephone. One of the leading large-podded, wrinkled sorts. Pods 5 to $5\frac{1}{2}$ inches long, broad, straight, pointed, well filled with large peas of delicious flavor. The dark-green pods retain their color long after picking. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Champion of England. Much prized by those who are fond of large, tender, luscious Pea. Vigorous in growth. Pods 3 inches long, blunt, medium, dark green in color, broad and nearly straight. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., 1 lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Plant Peas every two weeks, also Beans, Carrots, Lettuce, Radishes, etc. Keep the soil well cultivated and you can have not one but a succession of fresh vegetables. There is no reason why the average, home garden should not increase its yield three or four times. Make repeated plantings two or three weeks apart.



POTLATCH PEA

Potlatch Pea

Extremely Prolific

Superb Quality

Dark Green Pods

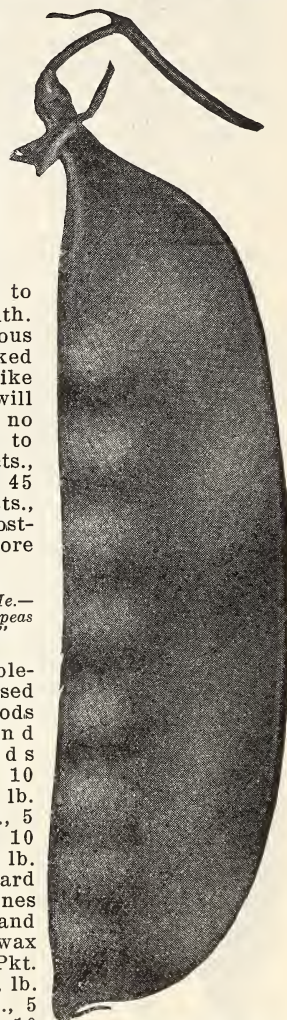
The magnificent dark green pods, borne in pairs, are 5 to 6 inches long containing 8 to 10 large peas which are exceptionally rich in flavor. One of our finest peas for garden and table use, excellent for private gardens. Pkt. 15 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 30 cts. lb.

Alderman. Remarkably productive. Vines medium, dark-green and very luxuriant in appearance, growing 3 feet. Pods 5 to $5\frac{1}{2}$ inches long, straight, rounded at the point, very dark-green in color, well filled, delicious flavor. Pods retain their dark-green color long after picking, making them most desirable for market gardeners. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Sugar or Edible-Podded Peas

Mammoth Luscious

Sugar. Excels in size and productiveness all edible-podded peas. The vines are most vigorous in growth, attaining a height of six feet. The pods are monster size, measuring 6 to 7 in. in length, by 1 to $1\frac{1}{2}$ in. in breadth. Being of delicious flavor, pods cooked and served like string beans will make a dish that no one would care to pass up. Pkt. 15 cts., $\frac{1}{2}$ lb. 25 cts., lb. 45 cts., 2 lbs. 85 cts., 5 lbs. \$2.00, postpaid; 10 lbs. or more at 35 cts. lb.



MAMMOTH LUSCIOUS SUGAR PEA

J. Smith, Cumberland Co., Me.—
"I had great success with the peas that I had from you last year."

Dwarf Grey Sugar. Edible-podded sort and used only in that way. Pods are broad, flat and crooked. Cook pods same as beans. Pkt. 10 cts., $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 2 lbs. 65 cts., 5 lbs. \$1.50, postpaid; 10 lbs. or more at 25 cts. lb.

Melting Sugar. A standard edible-podded sort; vines tall. Pods cooked and used the same as wax beans. Seed white. Pkt. 10 cts., $\frac{1}{2}$ lb. 25 cts., lb. 40 cts., 2 lbs. 75 cts., 5 lbs. \$1.75, postpaid; 10 lbs. or more at 35 cts. lb.

Ten-Pound Prices Do Not Include Transportation

Pepper

Sow the seed in a hotbed or window-box, about March 1st; transplant to the open when all danger from frost is over. Set plants in rows 3 ft. apart, 18 in. in the row. One ounce of seed produces 1,200 plants.

Holmes' Prolific Sweet

The Wonder Among New Early Peppers

Earliest, large, mild red pepper; bears profusely. This wonderful Pepper originated in Pennsylvania. The strong vigorous plants grow about 20 inches high, and bear so many peppers that they seem hardly able to support them. The fruit is of good size, $3\frac{1}{2}$ inches in length and 2 inches in diameter. They are very mild, can be eaten like an apple. If you want early peppers, and lots of them, plant Holmes' Prolific Sweet, which is northern-grown. Its earliness will bring you unusual prices. Pkt. 15 cts., $\frac{1}{4}$ oz. 30 cts., oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$10.00.

Giant Crimson Pepper. (Sweetest and Largest Mango.) Also known as "Ohio Crimson." Earliest maturing of the extremely large red, smooth, Sweet Peppers. Plant is vigorous and upright, growing $2\frac{1}{2}$ to 3 ft. high, which is taller than the Chinese Giant and more productive, very large size, ripens earlier than any of the other very large sorts and averages heavier, as the flesh is exceptionally thick. Color, deep crimson when matured; flavor very mild. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Chinese Giant. Stocky plant with light green foliage and blunt fruit, squared at the ends, measuring 4 inches or more at the top and about as long; of a brilliant glossy red color when ripe. Flesh very thick and sweet, containing few seeds. Pkt. 10 cts., $\frac{1}{2}$ oz. 30 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Royal King. This new sweet pepper is bright and glossy, of large size and very prolific. Taste it raw, stuff it with meat and bake it, or fill it with salads for the table; we believe you will like it and agree with us that it is the pepper you have been looking for. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

Worldbeater, or Ruby Giant. The result of a cross between Ruby King and Chinese Giant, this variety is fully as early and productive as Ruby King while the fruits approach those of the Chinese Giant in size. Extensively grown for market. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

Pimento Pepper

Also called Sweet Meat, Sweet Salad, Glory, Perfection

Thickest fleshed of all peppers. The solid meat is always sweet. The fruits are crimson-scarlet in color, while the form is of regular conical shape. The peppers measure from 2 to $2\frac{1}{4}$ inches across at the stem end and average from 3 to $3\frac{1}{2}$ inches in length. The skin is perfectly smooth, without any ridges. The peppers are never hot in any part of the fruit, even the flesh around the seeds being sweet. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Large Bell or Bull Nose. Plant is compact, early and productive. Fruit bright-red in color, hot, of large size, and has thick flesh containing few seeds. Excellent for stuffing. A good bearer. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Ruby King. Is the most popular large red Pepper. Plants grow 2 ft. high and bear a fine crop of handsome, extra-large scarlet fruits, 5 inches long and 3 inches thick. The flesh is sweet, fine for mangoes. Pkt. 10 cts., $\frac{1}{2}$ oz. 20 cts., oz. 35 cts., $\frac{1}{4}$ lb. \$1.00, lb. \$3.50.

Golden Dawn. Similar to the Large Bell or Bull Nose, excepting that it is golden yellow, and very sweet. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Long, Red Cayenne. A large hot pepper. These are five inches long, color bright red. Very popular for gardeners who want a sharp pepper. Pkt. 10 cts., $\frac{1}{2}$ oz. 25 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.



GIANT CRIMSON PEPPER

A very mild-flavored Mango Pepper, suitable for stuffing, because of its size



LONG RED
CAYENNE
PEPPER



One-third
Natural Size

HOLMES' PROLIFIC SWEET
PEPPER

Radish

Thrives best in light sandy loam. For early use, sow in the hotbed, in Feb., giving plenty of ventilation, or outside in the garden, in drills, as soon as the soil is warm and dry. Cover the seed about $\frac{1}{2}$ inch deep. Radishes can be sown any time from March till Sept. They must grow rapidly to be crisp, mild flavored and tender. One ounce of seed will plant 100 feet of row; ten to twelve lbs. for an acre. Our Radish Seed is strictly of the finest grade, being grown from carefully selected and transplanted roots.



ROYAL RED FORCING RADISH
Earliest Red for Under Glass or Outdoor

Crimson Giant

Should have been named the "Ever Ready." Impossible to imagine a market-gardener even attempting to do without this splendid Radish. Within a few days as early as the extra-early varieties. It has a splendid color, being deep crimson, which makes it absolutely the most attractive Radish. We are prepared to give our customers a very fine and uniform strain of this excellent Radish. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.35, 5 lbs. \$6.25.

"Holco" Earliest Round White. An extremely early button Radish, clear white with very small foliage; earlier than other small white forcing sorts, splendid to plant under glass or out-of-doors. For market. "Holco" Earliest Round White is very crisp, tender, juicy and mild in flavor. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

H. W. Kellur, Flint, Michigan—"The Crimson Giant Radishes were the best I ever tasted, and the other seed grewed better than usual, and I hope to be situated to give you an order next year."

Non Plus Ultra or Fireball. This variety has a small top and is early in cultivation, making it one of the best for forcing under glass. Roots ready to pull may be had in three weeks and they remain fit for use longer than any other early variety. They are small, globular, smooth, very deep red in color. Flesh is white, crisp, tender and mild in flavor. May be planted very closely, owing to their small top. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.35.

French Breakfast. A rapid growing variety about $1\frac{1}{2}$ inches long by $\frac{3}{4}$ inch in diameter when fully grown. It is a beautiful deep rose-scarlet excepting the small pure white tip. Its small top and earliness make it a fine sort for outdoors, also for growing under glass. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.35.

Mrs. W. R. Hulette, Columbiana Co., O.—I gave some of your Holmes Green Top Beet to my neighbor last spring. She asked where they came from, as they were the first beets she ever ate. And I will say I never had anything to equal them. They will cook without being stringy until April, and only require a short time to cook. Your seeds have always been very satisfactory.

Royal Red Forcing—(Earliest Red)

For under glass and outside we have invariably found Royal Red Forcing to reach a marketable size several days earlier than any other variety. The Radishes are perfectly round, three-quarter inch to one inch in diameter. The roots are round or ball shaped rather than turnip shaped. The color is bright deep scarlet with no trace of purple in it. Flesh firm, white, crisp and mild. Leaves very short and small and only three or four when the radishes are ready for market. Because of its small top, quick maturity and handsome color we consider this the best forcing radish and can recommend it for the open ground. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, 5 lbs. \$7.50.

Early Scarlet Globe. For greenhouse or hotbed forcing and for out-of-doors. Very early, mild, crisp and tender; one of the most attractive, best-selling Radishes. Very handsome, rich, bright scarlet, thoroughly sound, fine quality, a great favorite; it resists heat without becoming pithy, is ready in 25 days. This sort is not desirable for hot summer planting, as it loses its shape—it is an early Radish and as such gives entire satisfaction. We know our Scarlet Globe Radish is right. Scarlet Globe Radish should be planted in every garden for market as well as for home use. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.35, 5 lbs. \$6.25.

Saxa, or Rapid Red. By far the earliest and most short-lived of all the forcing Radishes. Under favorable conditions, Saxa will make small but perfect globe-shaped roots in the almost incredibly short time of 20 days in the hotbed, or 25 days outdoors. Saxa Radishes have remarkably small tops, so may be grown very close together. The flesh is pure white and very crisp; skin bright scarlet. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts., lb. \$2.00.

Red Rocket. Rosy carmine in color, with short top, these are among the earliest varieties grown, and are used very extensively for early forcing, as they may be had in 21 days from sowing. When grown outdoors, they must be forced rapidly; only then do they acquire proper flavor and crispness; must be pulled as soon as ready. Red Rocket is the ideal first early radish. They present a most attractive appearance when prepared for the table. We advise everyone to grow them. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.35, 5 lbs. \$6.25.

Sparkler. A scarlet turnip, white-tipped. Is extremely quick to mature, ready in 20 days from the time of sowing the seed. It is invaluable for forcing under glass, as well as for growth in the open air. The skin is very smooth, its clear color gives it an appetizing appearance on the table. Market-gardeners find it a quick-selling sort, satisfactory in the private or home garden. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Early Scarlet Turnip. Extra early sort, with smooth, round, richly-colored roots. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.



ICICLE RADISH
"Hard to Beat"

Mrs. Guy Portner, Ashland Co., Ohio.—"I have bought my seeds of you for three years, and find they cannot be beaten. Your Sparkler Radish should have a place in every garden. It is the best I have ever tried to raise."

Pearl Forcing. A beautiful pearly white, long variety. It is firm and solid, and remains in shape for some weeks before becoming woody or showing any sign of going to seed. A first-class Radish we can recommend for all purposes. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.35.

Long White Vienna, or Lady Finger. For years, an extremely popular sort, one of the very best and finest of the long white Radishes. Graceful in form, flavor is sweet and mild, with brittle flesh. An especial favorite with many market gardeners. The demand is very great for our selected strain. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

Early Long Scarlet Short-Top. The long, slender, colored roots are most attractive in appearance. They are ready in about 25 days; crisp, brittle, of choicest quality. They reach a length of 5 to 6 in., growing half out of the ground. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00, 5 lbs. \$4.50.

Winter Radishes

Winter radishes require cool weather at the finish of their growing season, though they may be started during hot weather. **Make your first planting the middle of June, a second the middle of July, and a third the middle of August.** Sow thinly in rows not less than 15 inches apart between the rows, and thin out to stand 6 inches apart in the row. **Winter Radishes** are easily stored for winter use in any frost-proof cellar. One ounce for 100 feet of row.

White Chinese or Celestial. Never has a winter Radish won so much favor. The true stock of this variety is stump-rooted, and although a winter radish, can also be grown in late summer; flesh is firm, solid and pure white; keeps all winter in prime conditions; is of mild flavor. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

Long Black Spanish. Root cylindrical, from 7 to 10 in. long and 2 to 3 in. in diam.; skin very black, somewhat wrinkled; flesh white, firm, compact; keeps well. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Icicle Radish

Finest Long White

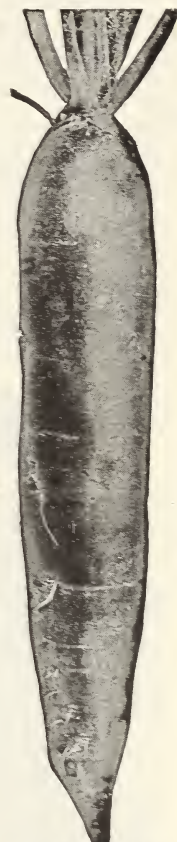
Finest and longest of the very early, pure white varieties; ready for use in 20 to 25 days. This Radish is not only crisp and tender when young, but retains these qualities until the roots attain large size, so that it will remain in fine condition longer than any other first-early variety. Is excellently adapted for forcing purposes or successive sowings in the open ground. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.35, 5 lbs. \$6.25.

Cincinnati Market. This radish originated in the vicinity of Cincinnati, Ohio, with the "Glass Gardeners" there, and has been constantly used by them. The tops are so small that the Radishes may stand touching each other in the rows. The Cincinnati Market Radish grows perfectly straight and smooth, 6 to 7 in. in length. Skin scarlet, very thin, flesh crisp, brittle, of delightful flavor. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00, 5 lbs. \$4.50.

Improved Chartiers. Excellent for the home garden. Bright scarlet on the upper part and pure white long tips, the handsomest long red Radish on the market, the best seller; 25 days after planting it is usually ready for the table. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00, 5 lbs. \$4.50.

White Strasburg. White Radish of large size, good quality, and ability to resist severe heat. We recommend White Strasburg for summer planting. Will grow solid, with good flavor, when others fail. Popular with market gardeners. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00, 5 lbs. \$4.50.

Mixed Radishes. Radishes of all colors—red, pink, and white, round, oblong, half-long and long; and from the earliest to the very latest varieties. Just what is wanted for the home garden where the space is limited. One sowing is all that is required for the whole season. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. 90 cts.



CINCINNATI
MARKET RADISH

China Rose. A radish of large size, blunt at both ends. Skin is a bright scarlet and the flesh is pure white, firm, crisp and pungent. May be sown up to August, thicker than any other winter radish. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.00.

Round Black Spanish. Root rounded or top shaped, from 3 to 4 in. in diam.; skin very black; flesh white, of firm texture and very pungent. Keeps a long time. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.25.

Rhubarb or Pieplant

Requires a deeply cultivated and thoroughly manured soil. Sow the seed early in the spring, in rows 1 foot apart; the second year after planting plants can be removed in autumn to the permanent place in the garden allotted to them. Plant the roots 3 to 4 feet apart each way at least 2 feet deep. One ounce of seed produces 500 plants; $3\frac{1}{2}$ lbs. to an acre.

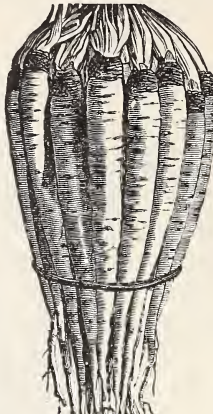
Victoria. Large, tender, the finest cooking sorts. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

Rhubarb Roots

Ready from October to May 15th. 20 cts. each, 4 roots for 60 cts., 12 for \$1.50, postpaid.

See page 36.

You do not know how really delicious vegetables are until you gather them fresh from your garden.



SALSIFY

Salsify or Oyster Plant

Treat about the same as carrot, except that Salsify is hardier, may be left in the ground all winter. Sown in rows 1 to $1\frac{1}{2}$ feet apart, and thin to 4 inches in the row. Cover seed about 1 inch. Sow in early spring. One ounce will sow 100 feet of row; 8 lbs. to the acre.

Mammoth Sandwich Island. Roots much heavier than the old Long White. Is white in color, and a satisfactory sort in every way. Invaluable to market-gardeners. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts., lb. \$1.75, postpaid.

Swiss Chard (See Page 7)

Spinach

Good rich soil is important to Spinach, both for its growth and in making the leaves more tender and succulent. Sow the seed in early spring in rows 12 inches apart; cover it an inch deep. Many broadcast the seed, covering with a harrow or rake. Make a sowing every two weeks for continuous crops. Do not sow seed in dry weather; it will never come up. It must have a moist soil. Sow in September for fall and early spring crops. Use straw or "strawy" manure when really cold weather comes. Nitrate of soda is splendid to give rapid growth to Spinach. One ounce will plant a row 100 feet long; 10 lbs. to the acre when drilled; 15 to 25 lbs. broadcast.

King of Denmark. Also known as "Antvorskov." This new variety is undoubtedly the most valuable introduction of Spinach in recent years. Although the plants are ready for use almost as soon as medium early sorts they remain in good condition from a week to two weeks after all other varieties have gone to seed. The plants are of rapid growth, resemble the Long Season in type, but leaves are more crumpled or blistered and are of a darker green color. The leaves are thick, stand well after cutting and are of good quality. We believe this variety will in a few years be one of the leading sorts, as its distinctive qualities are sure to win favor for it from both the home and market gardener. You are urged to give it a trial this season. Price: Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

Long Season. The plant is large, with rich, lustrous green leaves. These are short, broad, very thick, and of so great substance. The leaf stems are very short, which so greatly reduces the diameter of the plant that it may be grown more closely than other varieties, and the whole plant forms a compact, dense rosette, unequaled in flavor. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 50 cts.

Improved Thick-Leaved or Viro Flay. One of the largest and best sorts for spring and fall sowing and to winter over for spring crop. Leaves are broad, hug the ground closely, are slightly crumpled, attractive in color. Plant is large and produces a big crop. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 50 cts.

Norfolk Savoy-Leaved (Bloomsdale).

This is one of the best sorts to plant in autumn for early spring use. The plant is of upright growth, with thick, glossy, dark green leaves of medium size, pointed but quite broad, and crumpled or blistered like those of Savoy cabbage. It is hardy and grows rapidly to a suitable size for use. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 40 cts.

Victoria. A handsome variety of exceedingly dark green, broad thick leaves, and has very long-standing qualities. Unexcelled for spring or fall sowing. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 50 cts.

New Zealand. This variety endures heat and drought; excellent for summer use; the leaves are small and thick. It is an enormous yielder, growing upright. One sowing can be picked from the entire summer. A very distinct variety. Soak seed in water 24 hours before planting. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 75 cts.

Sage

Sage is probably the most extensively used of all herbs for seasoning. The leaves and young shoots should be cut as it is coming into bloom, then dried in the shade. Pkt. 10 cts., oz. 60 cts., $\frac{1}{4}$ lb. \$1.75, postpaid.



LONG SEASON SPINACH

W. N. Enos, Ontario Co., N. Y.—"My order was most satisfactorily filled and received. We are more than pleased with the prompt manner in which you fill orders. Have recommended you to a number of our friends and neighbors, many of whom are now your patrons. Yours as a satisfied customer."

Squashes

Culture same as for melons. Make the ground very rich. A good sandy loam is best. The squashes are all tender, and the seed should not be planted until warm weather. Allow 4x4 ft. for the hills of the Bush Squashes, and 8x3 ft. for the running varieties. Four plants to the hill 3 to 4 lbs. of seed to the acre. For summer Squashes estimate 4 oz. to 100 hills; for winter Squashes 8 oz. to 100 hills; one ounce for 100 feet row.



GIANT SUMMER CROOKNECK SQUASH

"Des Moines" (also called Acorn). This is a small acorn-shaped dark green Squash, almost black, about 5 or 6 inches long and 4 inches in diameter. The running vines are vigorous and the ground is literally dotted with the dark-colored Squashes, which are the very essence of quality. It makes excellent pies and can be cooked whole when young, and it is also a good keeper. The baked halves of Des Moines Squash were served at the annual banquet of the Minnesota Vegetable Growers' Association and caused much favorable comment. Pkt. 10 cts., oz. 15 cts., ¼ lb. 45 cts., lb. \$2.00.

Fordhook. Flesh is very dry and sweet. One of the best of the late summer varieties. The outside color is creamy yellow, when cooked is of most delicious flavor. The meat is thick and can be used at any stage of growth. Pkt. 10 cts., oz. 15 cts., ¼ lb. 45 cts., lb. \$1.50, postpaid.

To keep Winter Squashes, store in a dry, well-ventilated room where frost will not touch them. Putting them one deep on shelves is a good way; also be sure not to break the stem off close to the squash.

J. N. Mumford, Columbiana Co., O.—Being so well pleased with the seeds I had from you last year, I would be pleased to have your catalog this season, also your prices on Seed Potatoes.

Summer Varieties *Eat When Young*

Giant Summer Crookneck. One of the best of all summer Squashes. Of dwarf, bushy habit, very productive. Skin is yellow. Flesh has a deep golden yellow color, is dry and of most agreeable flavor. This is, in fact, most highly esteemed of all the summer varieties. Pkt. 10 cts., oz. 15 cts., ¼ lb. 45 cts., lb. \$1.50. Postpaid.

Earliest White Bush. Bush or patty pan Squashes are earlier than any other summer variety. Skin is white and tender when ready for use. Of dwarf, bushy habit, quite hardy, very productive. Pkt. 10 cts., oz. 15 cts., ¼ lb. 45 cts., lb. \$1.25. Postpaid.

Italian Vegetable Marrow (Cocozella di Napoli). The vines are of bush habit and produce large, much elongated fruits, dark green at first but as they mature becoming marbled with yellow and lighter green in stripes. The fruits are in best condition for the table when six or eight inches long, but can be used when somewhat larger. Pkt. 10 cts., oz. 15 cts., ¼ lb. 45 cts., lb. \$1.50. Postpaid.

Autumn and Winter Varieties

Improved Hubbard. The illustration is a very accurate representation of our Improved or Green Hubbard. Our stock of this variety, which has so long been the leading squash for late fall and winter use, is carefully selected in regard to quality of the flesh and color of the shell and we have found it much superior to that sold as Chicago Warted or Warty Hubbard. Fruits are large and heavy, are moderately warted and have a very hard shell. Skin is uniformly dark bronze-green. Flesh is bright orange-yellow, fine grained, thick, dry and deliciously flavored. Pkt. 10 cts., oz. 15 cts., ¼ lb. 45 cts., lb. \$1.50. Postpaid.

Red or Golden Hubbard. Has the shape and virtues of the Hubbard, but earlier and more productive. Color of the skin deep yellow or orange-red. Flesh richer in color than Hubbard, of equal quality. Fine grained and sweet. Cooks dry, a splendid keeper. Desirable market sort. Pkt. 10 cts., oz. 15 cts., ¼ lb. 45 cts., lb. \$1.50. Postpaid.

Delicious. The squashes, vary both in color and form but are very delicious in flavor, excellent winter keepers. Flesh is dark orange, very thick and fine grained. Pkt. 10 cts., oz. 15 cts., ¼ lb. 45 cts., lb. \$1.50. Postpaid.



IMPROVED HUBBARD SQUASH

A long keeping winter sort and splendid for pies

Tobacco

Sow as soon as danger of frost is over; use wood ashes on seed bed. Pulverize soil of seed bed thoroughly. When plants are 6 in. high transplant into hills 4 or 5 ft. apart each way, and cultivate frequently. An ounce of seed produces sufficient plants for an acre.

Connecticut Seed Leaf. Grown in all sections of the U. S. Broad leaf of medium length. Suitable for cigar fillers. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.10, lb. \$4.00 postpaid.

Improved White Burley. A great favorite, superior to the old variety of Burley. Makes better color; commands higher prices. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.10, lb. \$4.00, postpaid.

Havana. The leaf is very thin and is of fine texture. The variety is much used for cigar wrappers. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.10, lb. \$4.00, postpaid.

Tomato

Sow the seed in February or March in a hotbed, greenhouse or in shallow boxes in the house, in rows 4 to 6 inches apart, 1 inch deep. When plants are about 2 inches high, transplant to shallow boxes 4 inches apart each way. Transplant in the open ground after all danger of frost is past, 3 to 4 feet apart each way. Cultivate frequently. Train the plants to stakes or other supports. Remove all side branches at the axil of the leaves as soon as they appear. Do not remove flower clusters. When plant has reached a height of 5 feet, cut off the top. When three or four clusters of fruit have formed and some of the fruit is as large as a silver dollar, prune the leaves at the base one-half. This hastens ripening. Once a month apply sheep manure around each plant. One ounce of seed will produce 3,500 plants, enough for an acre; 35 to 40 plants for 100 feet of row.

Garland Tomato

The Largest, Heaviest Cropper, Smoothest and Finest Flavored, Extra Early Red Tomato

This wonderful tomato originated in the state of Wisconsin, where it has been grown for several years. We cannot give you a better description of this tomato than what our grower claims for it: "It is as early as John Baer or Bonny Best, it produces one-third more and does not crack, which is a very important matter, keeps its size well through the growing season, being a continuous bearer, and excellent shipper. This season my last picking was of good size, after having picked from the vines for more than two months. In a test alongside of John Baer and Bonny Best, handled exactly the same, it yielded fully one-third more and the fruit was larger and freer from cracks. It is an excellent bearer, as good as any tomato that I know of, and I have tried most all kinds that are cultivated at the present time."

In our own test alongside of John Baer and Bonny Best, we have found that it did just as the originator said it did. We are confident that this tomato is worthy of a trial in every garden and truck patch. Pkt. 20 cts., ¼ oz. (about 2,000 seeds) 40 cts., oz. \$1.10, ¼ lb. \$3.50 (crop short).

L. R. Mott, Chenango Co., N. Y.—"The Garland Tomato which I purchased from you was all that was claimed for it in your catalog. The fruit was of nice color and very smooth; in fact, this tomato gave as good satisfaction as any I have tried. I had some other seeds, and they all grew good, and in fact, produced results just as satisfactory as those obtained from seeds which cost more than the ones purchased from you. As far as I am concerned, 'Holco' seeds are good enough for me."

Earliana Spark's. The earliest red tomato. The vines are compact in growth, with short close-jointed branches, very productive. Fruit fair size and firm. Ripened fruit in 108 days from date of sowing seed. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.00, lb. \$3.50.

John Baer. An invaluable sort for market gardener's use. Very hardy and exceptionally productive. Fruits are the largest, of the extra early sorts and are also most attractive red color. They are nearly round, smooth, firm and of excellent quality. It is one of the very earliest to ripen its first fruits and it continues to furnish marketable fruits much longer than other very early varieties. An invaluable sort for market gardeners' use. Our seed is grown from originator's stock. Pkt. 10 cts., oz. 45 cts., ¼ lb. \$1.25, lb. \$4.50.

Chalk's Early Jewel. Color bright scarlet. Second or medium early sort. Later than Earliana. Vines vigorous, productive. Fruit solid. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.10, lb. \$4.00.



GARLAND TOMATO

A splendid sort for all purposes

June Pink. Originated in New Jersey. This variety is a pink-fruited Earliana, resembling that tomato in almost every respect. The stock we have may be relied upon. Pkt. 10 cts., oz. 45 cts., ¼ lb. \$1.10, lb. \$4.00.

Early Detroit. Vines vigorous, productive; fruit round or nearly globe shaped, firm, purplish-pink in color. A splendid second early variety. Pkt. 10 cts., oz. 45 cts., ¼ lb. \$1.25, lb. \$4.50.

Bonny Best

An Early, Red Tomato

One of the very best tomatoes that you can grow. Originated in Montgomery County, Pennsylvania. Fruits being one week to ten days earlier than Chalk's Early Jewel. It is considered one of the finest sorts for shipping ever introduced. Plants grow to a height of about 2½ feet. Fruits are born in clusters. It is one of the sweetest tomatoes in cultivation. For the shipper and market gardener, it is one of the best. For the home garden it is none the less valuable. For its marvelous eating qualities, its beautiful appearance, and the ease with which it may be grown, we recommend it for the home garden. Pkt. 10 cts., oz. 45 cts., ¼ lb. \$1.10, lb. \$4.00 postpaid.



BONNY BEST TOMATO

One of the Largest, Smoothest, and Finest Flavored Extra-Early Bright Red Tomatoes

Don't be misled by a cheap price on tomato seed which probably has been saved from the refuse of a catsup factory. All our Tomato Seed is specially grown and selected for earliness and yield, etc., in the field. To buy Holco grown Seed WILL PAY YOU.

Tomato—Continued

Holmes' Everbearing

The Earliest, Largest, Most Prolific and Meatiest Red Tomato Grown

Wonderfully prolific new Tomato. See Illustration from photograph. Uniform in size and absolutely free from the acid taste so common in most varieties. Seed cavities are exceedingly small, making it very meaty. This tomato combines all the good qualities of each parent—earliness of the Earliana, size of Ponderosa. Continuous bearer. Originator's own stock. Pkt. 20c, $\frac{1}{4}$ oz. (about 2,000 seeds), 50 cts.

Ponderosa. Introduced many years ago. In all that time no Tomato has ever surpassed the genuine Ponderosa in size or delicious meaty flavor. Largest, heaviest Tomato grown. Color is purplish pink. We offer the genuine head-quarters stock. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50, lb. \$5.00.

Yellow Ponderosa. Equals the Ponderosa in size but bears rich golden yellow fruits. Pkt. 15 cts., oz. 65 cts., $\frac{1}{4}$ lb. \$1.75, lb. \$6.00.

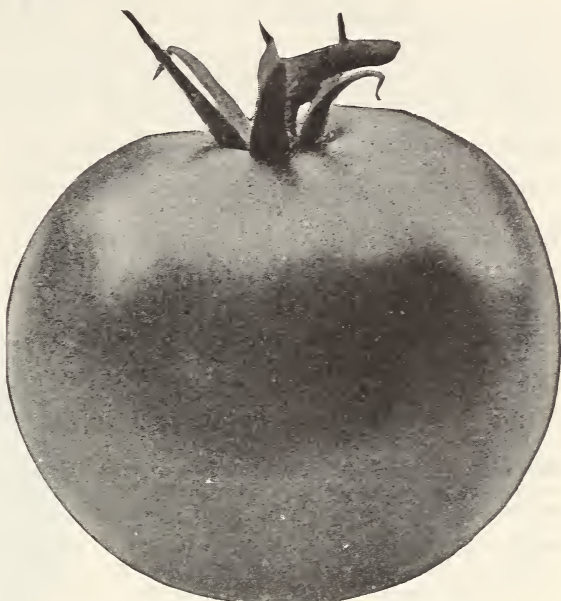
Livingston's Globe. Second-early Tomato. Always smooth, firm-fleshed and has very few seeds. Color a fine pink, tinged with purple. Valuable variety for forcing under glass. Pkt. 10 cts., oz. 45 cts., $\frac{1}{4}$ lb. \$1.25, lb. \$4.50.

Matchless. Fruit, bright red, is free from core, seed-spaces are small. We can highly recommend it to all our friends. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.20, lb. \$3.85.

Stone. Many gardeners and canners will have no other. An immense cropper. Flesh solid, well colored and flavored. Color of skin, glossy, deep red. Pkt. 10 cts., oz. 30 cts., $\frac{1}{4}$ lb. 85 cts, lb. \$2.85.

Golden Queen. Bright yellow. Always smooth, ripens early; quality excellent. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.10, lb. \$4.00.

Dwarf Champion or Tree Tomato. Has a stiff, vigorous, upright growth; the fruit is always round, smooth, symmetrical; color purplish pink; a valuable home or market sort. Pkt. 10 cts., oz. 35 cts., $\frac{1}{4}$ lb. 95 cts., lb. \$3.00.



HOLMES' EVERBEARING TOMATOES

Grown from Pure Bred Seed

Beauty. Fruit large, uniform in size, very smooth, excellent flavor, color purplish-pink. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.20, lb. \$3.85.

Small-Fruited or Preserving Varieties

Used principally for preserves or eaten raw; all very sweet and mild in flavor.

Yellow Peach	Red Plum	Red Pear
Yellow Plum	Yellow Pear	Mixed Sorts

Each, pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.65

Strawberry, or Husk Tomato—Known as Ground Cherry. The small yellow fruits are each inclosed in a husk. Of very sweet flavor; highly esteemed for preserving or making pies. They are also excellent to eat raw as fruit. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$5.00.

Turnips

Sow early varieties in April, in drills 18 to 20 inches apart. Cover seed $\frac{1}{2}$ inch and thin out to 4 to 6 inches in the row. Cultivate frequently. For succession, sow at intervals until the last week in May. For fall and winter crop, sow in July or August, in drills or broadcast. One ounce to 200 feet of row; one and a half pounds to the acre in drills, or two and a half pounds broadcast.

Purple-Top White Globe—A large rapid-growing sort, with globe-shaped roots. Flesh pure white, and the best flavored; the skin is white, with a purple top. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 65 cts.

Purple Top Strap Leaf. Is white below, with a bright purple top; flesh white, leaves short, narrow and erect. Will mature in 8 or 9 weeks. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb 25 cents., lb. 65 cts.

White Globe. Shape of root the same as Red or Purple-Top White Globe. Skin and flesh pure white; smooth, quick to mature. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 60 cts.

Cow Horn. A long white Turnip. Grows to a large size, standing half out of the ground. Cow Horn Turnip is recommended for green manuring purposes. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. 75 cents.

Earl White Milan. This variety is early. The tops are small. The flesh clear white, mild, sweet and tender. Very desirable for early use, especially for forcing. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

Early Purple-Top Milan. Similar to Early White Milan, except that the roots are a little flatter and an attractive purple-red on the upper portion. Well adapted for forcing. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 30 cts., lb. \$1.00.

White Egg. An early, oval or egg-shaped variety. The flesh is clear white, firm, fine grained and sweet. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cents.

Large Amber Globe. One of the best yellow-fleshed varieties. The skin is clear yellow except the top, which is tinged with green; fine grained and sweet. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb., 25 cts., lb. 75 cents.

Ruta-bagas or Swede

American Purple Top Yellow. The finest, most profitable of all the Swede Turnips, being the hardiest, heaviest, best shaped and most productive. The roots are better keepers than other sorts. The flesh is of a beautiful yellow. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 25 cts., lb. 75 cts.

FOR
SEASONING

Herbs

FOR
FLAVORING

Every kitchen garden should have a few Herbs. They are usually grown for flavoring, perfuming and medical purposes. Sow in early spring, at the time when the trees begin to leaf, in ordinarily good and well-drained garden soil, in rows 12 to 14 inches apart. Cover seed lightly. Thin or transplant, to stand, 6 to 12 inches apart in the rows. Cultivate frequently. Ready to use in 30 to 50 days.

Anise. The seed is used for aromatic and medicinal purposes and in baking. The leaves are used for flavoring, garnishing and cordials. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Caraway. Seed is used for flavoring rye bread, etc., and in the making of cheese, also in flavoring sauces. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Chervil. Used in salads and for garnishing. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

Chives. Leaves used for seasoning soups, stews, salads, cottage cheese, etc. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts.

Coriander. The seed is used for flavoring in baking, in making candy and for culinary purposes. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 50 cts.

Dill. Leaves and seed heads are used in making Dill Pickles and for flavoring soups and sauces. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.00.

Fennel, Sweet. The leaves boiled are used in fish sauces; also used in garnishing. Seeds used for flavoring and medicinally. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Lavender. Chiefly grown for its flowers, which are used in the manufacture of perfumery. Frequently planted for edging or border in the flower garden. Pkt., 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Marjoram Sweet. Leaves and ends of the shoots, both green and dried, are used for flavoring. Pkt. 10 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.50.

Sage. Leaves and tops are used for seasoning and stuffing, also for medicinal purposes. Pkt. 10 cts., oz. 60 cents., $\frac{1}{4}$ lb. \$1.75.

Summer Savory. Leaves and young shoots are used for flavoring, especially for boiled string beans. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts.

Thyme. Used for seasoning; a tea is also made for nervous headache. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts., oz. 75 cts.

ASPARAGUS
CHIVES

Vegetable Root

HORSE RADISH
RHUBARB

Asparagus Roots

An Asparagus bed is a permanent investment and every garden should have one. Plant about 12 inches apart in the row, and the rows 3 to 3 $\frac{1}{2}$ feet apart. Plant deep enough to permit the crowns to be covered about 3 inches, with rich, mellow soil. The roots may be planted either in the spring or fall. Two year old plants give best results. Supplied after April 1st. 100 roots for a patch 20x20 feet. About 4,000 plants to set an acre. Tied in bunches of 50 each. We have a very fine stock of field-grown roots. For full description of varieties see page 1.

	Doz.	100	1000
Pedigreed Washington.....	\$0.50	\$2.50	\$20.00
Columbia Mammoth ..2-year-old	.35	1.25	10.00
Giant Argenteuil.....2-year-old	.35	1.25	10.00
Palmetto .....	.35	1.25	10.00

If by mail, add postage as follows: Doz., 8 cts.; 100, 50 cts.

Chives

Chives are perfectly hardy perennial plants of the onion type. Are grown for their small leaves, which are produced freely very early in the spring, for giving a mild onion flavor to various dishes. Per bunch, 30 cts., 2 bunches for 50 cts., postpaid.

Mushroom Spawn

Cultural directions free for the asking.

Pure-Culture Mushroom Spawn. By a newly discovered process of selection and grafting, the spawn is scientifically propagated so that large, vigorous and finely flavored Mushrooms are produced. The sort we offer is earlier, more productive and a marked improvement on wild spawn, either French or English. Brick, 40 cts., postpaid; 5 bricks, \$1.50, express; 10 bricks, \$2.75; 25 bricks, \$6.50. Brick will spawn 10 square feet.

Rhubarb or Pie Plant

Rhubarb is considered a necessity in the home garden, furnishing very early in the spring, juicy stalks for the favorite rhubarb pie, for sauce, for canning for winter use, for wine-making, etc. The richer the soil the larger and juicier the stalks will be. Plant the roots 3 to 4 feet apart each way; they may be set out either in the spring or fall. A bed of Rhubarb, or at least a few clumps, should be in every garden—it is a permanent investment for little cost.

Giant Victoria. The best variety. Excellent quality and large stalks. Ready from October to May 15. 20 cts. each, 4 roots for 60 cts., 12 for \$1.50, postpaid.

Horse-Radish Roots (Ready in March)

Make the rows 3 $\frac{1}{2}$ feet apart, and put the cuttings about 18 inches apart in the row. Be sure to put the ends of cutting, that is cut slanting, down; in about two weeks it will be showing above the ground, then work the same as potatoes or corn. Late in the fall lift as many roots as you think you will use during the winter, cut off the tops, place them in a cool cellar covered with soil or sand, and grate as wanted. A bed once planted remains for years.

Bohemian Maliner Kren. (Grown by the Introducers.) A much earlier and better producer than the common sort. The roots grow larger and whiter and the quality is superior. Roots 40 cts. per doz., 50 for \$1.25, postpaid; by express at expense of purchaser, 50 for 85 cts., 100 for \$1.50, 250 for \$3.25, 1000 for \$12.00.

Holco Recleaned and Double-Sifted
Bird Seeds and Supplies

Our seeds are first class quality, clean and fresh. Write for complete price list.

Northern Grown Seed Potatoes

All our potatoes are grown especially for us in the best seed potato producing sections of the North—the best selected seed stock obtainable. Seed specialists agree that northern grown potatoes will stand more unfavorable weather and mature earlier crops than southern stock.

Healthy and Vigorous Seed Makes Profitable Yields. To the growing and selection of seed potatoes we have given a great deal of time and attention, and feel sure we are in a position to properly advise our customers as to the best varieties to plant. We do not list or recommend a new variety until it has been field tested and the new strain demonstrated to our satisfaction that it will make a profitable yield, and is of superior quality.

A Change of Seed From one soil to another often doubles the yield, and improves the quality of the potatoes. Don't plant that old worn out seed any longer, but get something new and saleable.



IMPROVED EARLY OHIO POTATOES

Improved Early Ohio. The old reliable Early Ohio. Not run out seed but clean pure stock of a high yielding strain. This variety can always be depended on in almost every locality, and is grown throughout the country where an early variety is desired. Tubers of light pink color and white flesh. (Write for our potato price list before ordering.)

Early Six Weeks. Another very early and fine quality potato. For those wanting a strain for early home and market use we urge a planting of the Early Six Weeks. The tubers are medium to large in size, oval shape, reddish color with shallow eyes. A very good keeper. We advise early orders while our stock is complete if you desire this variety. (Write for our price list.)

Early Rose. The good qualities of this potato will always make it a favorite for an early variety. For quality and size the Early Rose is hard to beat and we can supply the best of seed of this standard potato. (Write for our price list.)

Bliss Triumph. This variety is the first to come on the market from the southern growers who only plant northern grown seed such as we have. The tuber is round, medium size, reddish pink color. (Get our price list before ordering.)

What Certified Seed Stock Means

The word certified is more than an adjective when we use it. It means that the seed stock has been inspected in the field, and in the bin by state experts, and certified by them to be true to type, free from disease, unmixed and otherwise just as it should be.

Write for Seed Potato Price List

Saving a few cents a bushel on seed, at the expense of quality, is not economy

GOOD REASONS why you should purchase "Holco" Pure-Bred Seed Potatoes.

(1) They are northern grown and quick maturing.

(2) They are grown on virgin soil, and free from blight.

(3) They are free from disease and variety mixtures, giving larger yields and uniform maturities.

(4) They are "Hill Selected Seed Potatoes."

Eureka Extra Early. An extremely early and quick maturing variety. A heavy cropper of big white potatoes. We can especially recommend this new variety as being one of the best of the new introductions. It seldom fails to produce the largest crop of extra early potatoes. The plant is dwarf and compact and very resistant to blight. Tubers are round, white and of unsurpassed quality.

We have yet to hear a single complaint as to this variety and advise a trial of the Eureka by every one who wants an extra early crop. (Write for Prices.)

T. E. Geipe, Mahoning Co., O.—"Last spring was not favorable for potatoes here, but had Eureka nine inches in circumference, in sixty days, and that is good enough for me."

Irish Cobbler. This world famous potato always commands a high price. It is a creamy white, nearly round in shape, and very even in size. Ripens very evenly. A little later than Ohio, but a heavier yielder. Very close planting is possible because of the upright vine growth. This stock is far above the ordinary run, and we are very fortunate to be able to offer such excellent quality. (Write for our potato price-list.)

ORDER EARLY—We do not hesitate to advise our customers to place their orders early as good seed stock will be sure to be higher at planting time, and those who order early while present stock is unsold will be sure to get choice stock and pure seed. Price of Potatoes subject to change. Write for current prices list before buying.



IRISH COBBLER POTATOES

Northern Grown Seed Potatoes

Our Seed Potatoes are always sold by weight. By a bushel we always mean 60 pounds, and a sack means 2½ bushels or 150 pounds, net. Plant 10 to 12 bushels per acre.



RURAL NEW YORKER POTATOES

Rural New Yorker. The standard late and main crop potato for all sections. Always a reliable variety for the main crop and a heavy yielder. Tubers are round and oval in size, skin white. One of the best and longest keepers. Pure Northern Grown Seed. (*Write for current price list.*)

Carman No. 3. A round white potato of the Rural type and closely resembling it in yield and quality. The Carman is a heavy yielder and good table potato. We have clean, pure stock, all northern grown. (*Write for current price list.*)

C. D. Hoon, Stark Co., O.—I purchased one bushel of Russet Potatoes, and one bushel of Green Mts., last spring, and although we had considerable dry weather, I harvested thirty-six bushels of fine potatoes. Am certainly well pleased with the result.

Save Your Potato Crop

From Our Own Practical Experience in the Growing of Seed Potatoes

For Bugs—Use either Arsenate of Lead, or Calcium Arsenate. One-two lbs. in 50 gal. water.

For Blight—The Bordeaux Mixture or copper solution is the only preventive. Apply early and often. Follow directions.

For Bugs and Blight—We usually spray for both in one operation by adding the Arsenical Poison to the Bordeaux Mixture. Pyrox and Pestroy are ready mixed, and very effective. Follow directions on container.

Flea Beetles—The small black bugs which eat small holes in the foliage. Can be controlled by spraying often with Bordeaux Mixture.

Leaf Hoppers—For these small green aphids or plant lice we use "Black Leaf 40" mixed about one-third stronger than directions. Can be used separate or added to other spray solutions.

Success from spraying depends on spraying early, using plenty of material, and using a good pump which produces a fine mist spray.

Late or Main Crop Varieties

Green Mountain. Medium late in season, vines dying down early in fall. The best for loose and muck soils, and especially adapted for Northern States. Gives big crops, not alone because of productiveness but because compact vines allow close planting and cultivation. Potatoes in a hill always large and well shaped, with seldom any small ones. Skin creamy white, a little russeted—and fine quality for cooking. Flesh white and flaky. Shallow eyes prevent waste. Potatoes are flattened (easy to cook) and round to oblong in shape. (*Write for potato price list.*)

Russets. The best for Main Crop in cultivation. We have found the Russet the most disease-resistant of any sort, and our customers have stated that Russets were blight-proof while other sorts were blighted and died in adjoining fields.

The vines are dark green in color, very robust in habit of growth. The tubers are round to oblong in shape, of good size with pure white flesh, and covered with a russet skin, few and shallow eyes, of a quality, either baked or boiled, that cannot be excelled. Customers have written us that they have outyielded all other sorts. We can recommend the Russets for planting in clay and clay loam soil. We have a splendid crop of nice, northern grown medium-sized tubers. (*Write for price list.*)

The quality of the Seed you plant will be making your garden's success or failure months after the cost is forgotten.

Jersey Seed Sweet Potatoes

We can supply you from our grower in the great sweet potato belt the choicest and best of seed.

Red and Yellow Nansemonds, also Southern Yams. (*Write for price list on pound and hamper lots.*)

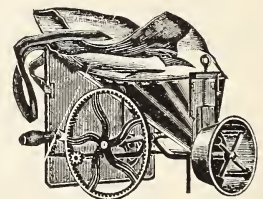
Choice Sweet Potato Plants

For the best, early extra fine strain of Jersey Sweet Potato Plants, let us fill your order for any quantity desired. Ready about May 1st.

Doz. 15 cts., per 100, 75 cts., 1,000, \$5.00. If plants are to be sent Parcel Post, add postage. 10 cts. per 100.

Cahoon's Improved Broadcast Seed Sower

Will sow all kinds of grass and grain seeds from 4 to 8 acres per hour at a common walking gait. Heavy seeds such as wheat, it will throw 40 ft. (20 each side of the operator); lighter seeds, of course will not be thrown so far.



Cahoon Seeder.....\$4.75
Cyclone Seeder, very handy sower..... 2.00

Ohio Grown Seed Corn

It Pays to Plant Tested and Acclimated Seed

As growers of seed corn, we are in a position to furnish you with seed corn that we know to be right in every particular. We know what our seed does on our own farms and that it is grown right, selected carefully, cured properly and graded as you would want it. The vitality of our seed corn is strong and vigorous, and you can depend upon our test as being accurate and reliable. If you are in doubt as to the variety best suited to your needs, we want you to feel free to write us for further information and samples of kernels for inspection or test.

Reliable Northern Grown Varieties of Corn

HOLCO CASH. Early to mature, deep grained, yellow, with the smallest cob of any variety known. Ears are large, well filled at both ends. This is one of the best feeding corns grown. An ideal corn, maturing in 95 to 100 days. Our grower has by ten years of careful selection brought this corn to as great perfection as any we have tried. Sixty-two pounds of shelled corn to the bushel; 70 pounds of ears, only 8 pounds of cob; it is all corn. Why not give it a trial. Sample ear 25 cts., postpaid; quart 35 cts., postpaid. (*Write for our price list.*)

Early Golden Surprise. A 100-110-day Yellow Dent Corn. Large, handsome ears. A heavy yielder. Entirely distinct. Stalks short and strong. Deep grained. Small Cob. A great feeding Corn. Beautiful in its rich golden color, even size from butt to tip of the ear. Profitable in its depth of grain and small percentage of waste in cob. Convenient in its short fodder growth and easy break of ear from the stalk. Certain in its early maturity. (*Write for our price list on Seed Corn.*)

Golden Standard Leaming. The ears are of fine quality and the stalks and broad foliage are very succulent. Corn is of a rich yellow color, and requires 110 to 115 days to fully mature. For the dairy districts, for ensilage purposes, Golden Standard Leaming is unsurpassed. (*Write for Corn price list.*)

White Cap Yellow Dent. Produces ears of corn that have a white appearance on the outside but the sides of the grains are yellow. The grains are of average depth. Matures in 100 days and earlier. (*Write for corn price list.*)

Lancaster County Sure Crop. This is a sure cropper; matures early; is rich in protein; husks easily; grows quite tall; is very leafy; withstands drouth and develops corn well to the north. It makes a rich ensilage. You will make no mistake in growing Lancaster County Sure Crop for silo or husking. (*Write for Price List.*)

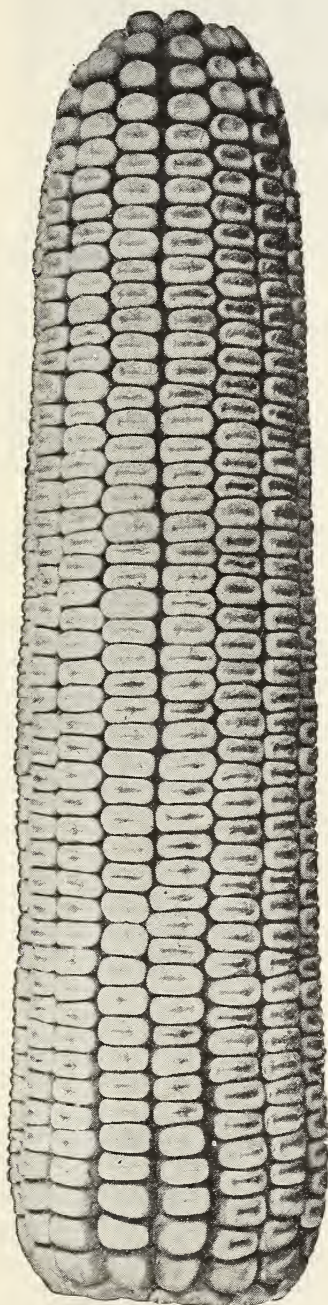
Boone County White. One of the largest and heaviest yielding varieties of white dent corn grown. (*Write for corn price list.*)

Longfellow Flint. A large, eight-rowed yellow Flint variety, well adapted for the northern states. (*Write for corn price list.*)

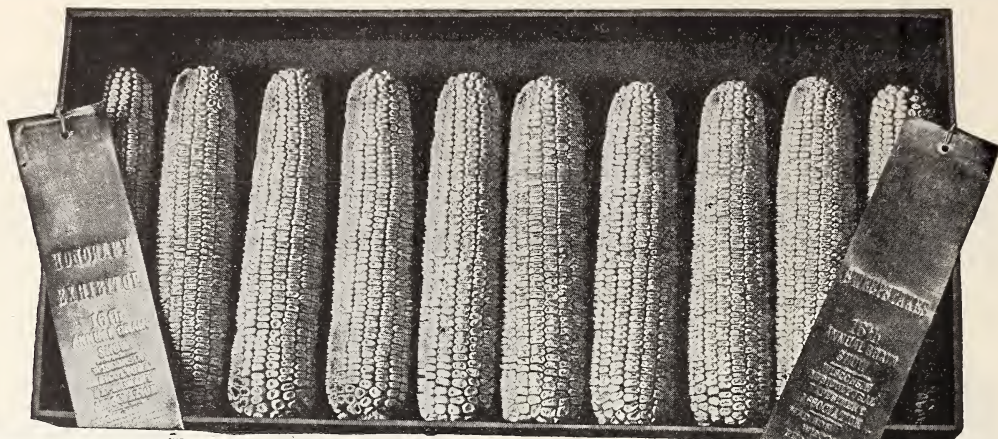
The Quality of the Seed you plant will be making your farm's success or failure months after the cost is forgotten.

Sweet Fodder Corn. Best for cutting and feeding green during the summer months. This is better than any field corn, from the fact that it is so very sweet and nutritious that cattle will eat every part of the stalk and leaves with relish. Drill thickly, in rows 3 feet apart, using 1½ bu. of seed to the acre. (*Write for prices on Seed Corn.*)

Red Cob Ensilage. A large, tall growing variety, not as leafy as "Holco" Ensilage. Our stock of seed was well matured, dried and protected. (*Write for price list on Seed Corn.*)



HOLCO CASH SEED CORN



PLANT PRIZE-WINNING SEED CORN

"Holco" Sure Crop Corn

"Holco" Sure-Crop is an ideal early Yellow Dent Corn, and we do not hesitate to say that it will be one of our leading corns. We feel sure it will be as popular with all corn growers as our Golden Surprise. Matures under favorable weather conditions in 90 to 100 days. Has a strong root growth, which holds it up well during wind storms. The stalks grow to a height of 7 to 8 ft. Ears average 8 to 9½ in. Cob very thin, often producing two large ears to a stalk; the large grains are of a bright, golden yellow. Is a splendid yielder on light soils, while on rich, fertile soils it is a wonderful cropper. "Holco" sure crop will grow and produce its crop in any corn-growing State in the Union. Sample ear 25 cts. postpaid. (Write for price list on Seed Corn before buying.)

"Holco" Famous Tested Ensilage Corn

"Holco Ensilage," Earliest—Grows Tall—Leafy—Full Eared

"Holco Ensilage" Corn originated in the Blue Ridge Mountains of Virginia. It is the result of careful selection for many years of corn grown at a very high altitude. This selection was made with a view of getting more foliage and the earliest largest yielding ensilage corn. On account of its being grown at a high altitude and away from other varieties, it is earlier than any other Southern Grown Ensilage. Our "Holco Ensilage" grows very tall, attains a height of 14-16 feet on good soil. It is also very prolific, producing many large ears, and makes the heaviest and thickest fodder of any early southern ensilage. In our opinion and in the opinion of those who grew it the past few years, it is the best and most productive corn any one can plant. The "Holco Ensilage" is grown especially for us, selected and cured, and we know it is of highest germination, strong and vigorous. Be sure and try this corn if you want one of the best. Our Ensilage Corn was inspected by ourselves this past fall as to its quality, and can be relied upon for highest grade. Read what our customers have to say about "Holco Ensilage." (Write for prices before ordering.)

Eureka Ensilage Corn. Grows very tall, leafy, short-grained, but one of the most productive, both in growth of fodder and grain of many of the standard varieties. Originated in Virginia and our stock is grown by the originator. We can assure you corn of strong germination. (Write for price list.)

Old Virginia Ensilage Corn. Is one of the most popular and satisfactory of all ensilage corn. Grows to a large size, is very leafy and well adapted for ensilage. There is no corn more difficult to cure or keep properly and much of it is kiln-dried, while large quantities have been stored in elevators and gone through a sweating process which has destroyed the germs. Our stock is carefully selected and dried. We can assure you high germination. (Write for prices.)

H. D. Stine, Wayne Co., O.—The "Holco Ensilage" corn that I got from you last spring was the talk of the neighborhood. Some got to be 14 feet high and was ripe enough for seed September 15. I expect to buy some more this spring. Your seeds are always good.

"Holco" ENSILAGE is also known as Blue Ridge



"HOLCO ENSILAGE"



"Holco" Selected Northern Grown Alfalfa Seed

Why take a chance on unknown seed when you can be sure of getting Genuine Northern Grown Alfalfa Seed that is clean, pure and of highest germination. (See Photo above.)

Grimm's Alfalfa. We can sell you this very choice, Idaho grown Grimm's Alfalfa seed for a reasonable figure because it goes direct from the producers to you. A slight increase in cost per acre for Alfalfa seed that will stand over will pay you in the end, as the one to three dollars saved in the original cost is lost many times over through winter killing resulting from the seeding of tender strains or varieties of Alfalfa thus lessening the hay yields.

Insist on buying and planting only **genuine certified Idaho Grimm's Alfalfa Seed.** Sow 12 to 15 lbs. per acre. 60 lbs. per bushel. *Write for prices.*

Genuine Dakota and Montana Seed. The famous Northern Grown Hardy Seed which comes next to Grimm in its ability to survive and produce. *Write for prices and tests.*

Alfalfa. Exceeds all other fodder plants in nutritive value, well cured alfalfa hay being equal to bran in feed values.

Relished by all kinds of live stock.

Makes excellent hay and usually out-yields all other hay crops.

Grows rapidly and provides several cuttings a season.

Alfalfa provides excellent pasture.

More drouth-resistant than clover.

Alfalfa is a weed enemy.

Adds fertility to the soil in the form of humus and nitrogen and greatly improves its productivity.

Adapted to wide range of soil and climatic conditions.



"Holco" Extra High-Grade Clovers

Sown by the most critical farmers everywhere. For many years, as seedsman to the best American farmers, we have given the closest attention to supplying the Highest Quality Clover and Grass Seeds. Do not be deceived by the offer of cheap seed. **Pure, Clean Seed** is not plentiful and the price will seem high as compared to seed contaminated with weeds and foreign matter. Our **Holco Quality** is acknowledged by the leading authorities to be of the highest possible grades obtainable. A second thought to this, and you will realize that the best seed you can buy will be the cheapest for you to plant. **GUARANTEE**—If you are not satisfied with our seed, return it to us within ten days, and we will refund your money and pay transportation charges both ways.

Red Clover. Sow 8 to 10 lbs. to the acre. This is the common red clover so largely grown.

Mammoth or Pea Vine. Also called Sapling. Sow 8 to 10 lbs. to the acre. This grows with a leafier stock than the medium.

Alsike or Swedish. Sow 6 to 8 lbs. to the acre. Grows equally well on wet or dry soils. Very hardy.

Crimson or Scarlet. Sow 10 to 15 lbs. to the acre. Excellent for green manure and cover crop. Fine for hay if cut when in blossom. New crop seed.

White Dutch. Sow 3 lbs. per acre with other grasses. Best for permanent pastures and lawns.

Hubam. Sow 12 to 15 lbs. to the acre. An annual white blossom sweet clover, a valuable forage plant. It blooms in three to four months and continues blooming longer than any other clover. Our seed is northern-grown.

Sweet Clover. (White Blossom.) This is one of the most important crops for feeding, and is also unexcelled for plowing under, as its roots gather great quantities of nitrogen and stores it in the soil. Sow 15 lbs. to the acre.

Write for our Latest Current Farm Price List Before Buying

"Holco" Recleaned Grass Seeds

Timothy (*Phleum Pratense*). Good seed is important for high yields and clean fields. Our seed has never been cleaner than the new fresh crop that we offer this year. Seed that any farmer would be proud to sow. Don't buy Timothy Seed just because you can get it cheap. 45 lbs. per bushel. Sow 5 to 10 pounds per acre. Sown in Spring with clover 1 bu. to 6 acres. (*Write for our price list before buying.*)

Kentucky Blue Grass (*Poa Pratensis*). For pasture and lawn it is unequalled. We do not handle cheap light seed full of chaff and weeds. The standard weight per bushel is 14 lbs. but our Pure Recleaned Seed runs 21-25 lbs. per bu. Sow 15 to 20 pounds per acre. (*Write for our price list.*)

Red Top (*Agrostis Vulgaris*). A wonderful grass to sow for hay and pasture. Does especially well on moist soils. We have the cleanest and purest seed obtainable. Sow 12-15 lbs. per acre. (*Write for our price list on Grass Seeds.*)

Canadian Blue Grass (*Poa Compressa*). Is an excellent grass for dry, sandy, thin soils and banks. Sow 15 to 20 lbs. to the acre. (*Write for our price list.*)

Meadow Fescue (*Festuca Pratensis*). Suitable for permanent pasture. May be sown alone or with other grasses. Sow 15 to 20 lbs. to the acre. (*Write for prices.*)

Orchard Grass (*Dactylis Glomerata*). Does well in shady places and is splendid for pasture mixtures. Grows quickly. Sow 20-25 lbs. per acre.

English Perennial Rye Grass (*Lolium Perenne*). Produces abundance of hay. Sow thirty pounds per acre. (*Write for prices.*)

Millets

Splendid crops for hay or soiling. Can be sown both in spring or in early summer as catch crops. They thrive best on fertile soil. Sow 40-50 lbs. per acre. 50 lbs. per bushel.

Golden Millet. An early variety noted for its large heads. Will produce an enormous crop on rich soils and when young, makes excellent pasture. (*Write for prices.*)

Hungarian Millet. Preferred for hay on account of its slender stems, abundant leaves and small heads. Very quick grower and can be sown late.

Japanese Millet or Billion Dollar Grass. Used for both a green fodder crop and for hay. Will grow 6-8 feet high and does best on moist soils. Makes an excellent crop to plant for silage, giving enormous yields. Only 12-15 lbs. seed required per acre. 32 lbs. per bushel. (*Write for prices.*)



Planted Middle of July—SUDAN GRASS on Baird Bros. Farm, Star County, Ohio

Write for our current Farm Seed Price List before buying



HUBAM CLOVER (See Page 41)

Grows from 3 to 7 feet high in 4 to 7 months after planting

Sudan Grass

The Most Prolific Hay Crop Grown. Will Raise Two Crops in a Season. Grows Most Feed in Shortest Time

Can you not use to advantage a few acres of hay that can be raised easily and quickly and will yield 2-8 tons of cured hay per acre? The drier and hotter the weather, the more you will be surprised at the growth it makes.

All kinds of live stock like Sudan Grass, and will leave other hay to eat Sudan. It has a sweet, pleasant taste, being by nature a member of the Sorghum family.

Two crops of the Sudan Grass can be harvested if seed is planted about corn planting time. It should not be sown earlier, as it requires a warm soil to give it the right start. The second crop is generally better than the first, for the plant stools wonderfully and gives a finer quality of hay. Sudan Grass is an annual and does not live over winter, so must be planted every year.

Sudan Grass can be sown either broadcast or planted with a drill. On light soils or in dry sections, drilling in rows 18-36 in. apart and giving a few cultivations prove best. Sown in this manner, it will take 5-10 lbs. seed per acre. On fairly fertile soils or where there is plenty of moisture, sow broadcast or drill solid 15-25 lbs.

Sudan Grass can be cut repeatedly during the summer when desired to feed green as a soiling crop. It cures quickly. It is best to cut Sudan in the root stage just before the heads appear. It is a very nutritious grass as the government analysis prove it to be rich in protein and easily digested. (*Write for prices.*)

W. J. Mathews, New York State.—"The Sudan Grass grew to a height of 6 feet. Want to put in twenty acres next year and put some into the silo with corn."



Farm Seeds

All our tested Farm Seeds are sold under the provisions of the Ohio Pure Seed Law. When you buy seeds outside of Ohio you are not protected by this pure seed law.

Our Field Seeds are guaranteed to suit and if not satisfactory or in your opinion not found as represented, we gladly refund your money and repay transportation charges, if seeds are returned immediately. We do not hold ourselves responsible for the stand or crop for such depends to a large extent upon conditions of the soil, weather and cultivation.

Seed Oats

There is no crop which comes nearer being raised at a loss than oats, if a good clean high yielding variety is not sown. Oats should be sown early in the spring, preferably on fall plowed land. Seed by drill or broadcast, using 64 to 96 lbs. per acre. Bushel, 32 lbs.



FIELD IMPROVED SWEDISH SELECT OATS

Flax Seed

In procuring Flax Seed attention should be paid that it be healthy and perfectly clean, as this is such an important item. We offer good, clean and healthy seed of this variety at a very reasonable price. Cleaning Flax so as to make it suitable for seed is an expensive operation, requiring special machinery, and often involves considerable waste. 56 lbs. per bushel. (Write for prices before buying.)

Buckwheat

Japanese Buckwheat is an early variety which can be sown farther north than other strains. Seed is very large and a heavy producer. (Write for lowest prices.)

Stock Beets and Mangels

No farmer should be without Beets and Mangels for winter feeding. The great feeding value of such crops should be understood by every one who desires to keep livestock healthy and in a good thrifty condition. A succulent feed such as is furnished by Stock Beets can be grown cheaply and abundantly on every farm. For keeping up winter egg production, beets are as necessary as other feed. We offer choicest seed of all the leading varieties and call your attention to page 14 for complete list and prices. (Write for our Current Farm Seed Price List.)

Improved Swedish Select. This is an improved strain of the Swedish select variety introduced by the U. S. Department of Agriculture some 15 years ago. Under constant improvement and selection since that time this variety has become the most popular oats in America. Has a large, white, plump kernel and spreading head. A tremendous yielder on light soils, due to its extensive root system. An early maturing, uniform ripening strain. Well adapted to the average soil. (Ask for our current farm seed price list before buying.)

Improved White Russian. A genuine side oats. This seed is northern grown, therefore is hardy and capable of standing unfavorable weather conditions. It is a very heavy yielding variety, 85 bushels to the acre being a not uncommon yield. Grains are plump and well filled. Hull is very thin, practically all kernel. Has a very stiff straw, and resists rust remarkably well. Ripens in mid-season throughout Ohio, Pennsylvania, New York and nearby states. Seed required, $2\frac{1}{2}$ to 3 bushels by weight to the acre if drilled. (Write for Current Farm Seed Price List.)

Canada Field Peas

Field peas are one of the best hay and soiling crops that can be grown. Usually sown with oats, which makes a rich, nutritious hay. Splendid to cut and feed green as a soiling crop. Sow 60-90 pounds of peas to 64 pounds of oats early in the spring. Does best on fertile soils which have been well prepared. 60 lbs. per bushel. (Write for lowest prices.)



FIELD OF CANADA FIELD PEAS AND OATS

Broom Corn

Improved Evergreen. The best variety for broom. Brush long and straight; bright green color. Highest quality of seed. Drill 15 lbs. seed per acre and cultivate. Bu. 48 lbs. (Write for lowest prices.)

Wisconsin Pedigree Barley

The World's Champion Bearded Barley

Barley is nearly equal to Corn for feed and costs a great deal less in time and labor to raise

This is the highest yielding variety of barley grown and is the result of 20 years breeding and selection at the Wisconsin Agricultural Experiment Station. Our seed is pedigree stock and will outyield the common varieties 10-20 bu. per acre. It ripens uniformly and is noted for its stiff straw and plump kernels. This Pedigree Bearded Barley has been used with splendid results by the farmers of Minnesota and Wisconsin where a rich feed is desired for their dairy cattle. Why not put out a field of barley this year and reduce the number of acres of corn that would have to be planted and cared for all during the summer? Many of our customers find this barley yields as heavy as their oats.

Barley needs a good fertile soil, clay or loam, for best results. It is seeded just after oats, as early in the spring as possible. If drilled use $1\frac{1}{2}$ to $1\frac{3}{4}$ bushels per acre.

As a Nurse Crop for Clover or Alfalfa there is no better crop to plant than barley. It is not so apt to lodge and smother out the new seedling as oats. For a nurse crop where the new seedling is of most importance sow not over $1\frac{1}{4}$ bu. per acre. 48 lbs. per bushel. (Write early for a price list on this Pedigree Barley.)

Beardless. Due to fields of seed barley being so badly mixed, it is almost impossible to get genuine Beardless Barley, and for that reason we do not care to offer it.

Rye

Spring Rye (Holco Quality). One of the best crops for light soil, as it makes a much better yield on poor soils than most any other spring sown grain. On good soils it is planted for pasture and makes an abundant early growth, and is used for this purpose by many live stock raisers. Sow $1\frac{1}{2}$ bu. per acre early in the spring. 56 lbs. per bushel. (Write for prices.)

Rosen Rye. The heaviest yielding rye. This new rye was introduced by the Michigan Experiment Station. It will outyield common rye 15-25% and is very winter resistant. On good soils this Genuine Rosen Rye yields from 35-50 bu. per acre. The berry is of light color and very plump. It has a strong straw and stools to a remarkable degree. 56 lbs. per bushel. (Write for prices on this pedigree Seed.)

Field Pumpkins



SPELTZ

We place these among our field seeds, as they are excellent for feeding stock, and should be grown in every corn field. Hundreds of loads of pumpkins can be grown without any extra expense.

Connecticut Field. This is widely known as the Yankee Cow Pumpkin, and there is no variety that will do as well among the corn. Lb. 75 cts., postpaid.

Mixed Pumpkin Seed. We offer a mixture of Pumpkin seed, consisting of large Mammoth and field sorts and also the choicest pie pumpkins. Lb. 75 cts., postpaid.

Speltz or Emmer

Speltz is a new crop that is rapidly gaining favor in the east as a feed producer. It will thrive on poor soils and does well in dry weather. It is sown in the spring like oats, which it has out-yielded



FIELD OF PEDIGREE WISCONSIN BARLEY
Originator's Stock

for many of our customers. The grain when threshed has a covering like oats or barley. It is relished by all kinds of stock and is usually ground and mixed with other feeds not so rich. Sow 2 bu. per acre. (Write for our price list.)

Dwarf Essex Rape

The Perfect Hog and Sheep Feed

This cheap but ideal summer and fall pasture for hogs and sheep should be planted on every farm. The Ohio Experiment Station says: "As an annual forage crop for swine, it is unsurpassed." The dry matter of rape compares favorably with that of alfalfa or clover pasturage. An acre of rape pasture may be estimated to carry 18 to 24 full fed pigs from June until close of grazing season. Sow rape on richest and most fertile soil using 3-5 lbs. seed per acre if broadcasted, or 1-2 lbs. if drilled. Plant about June first or later. Our seed is choice quality genuine selected stock. (Write for price list.)

Sunflower

Sunflower seed is one of the best egg producing foods for poultry, the leaves make excellent fodder, being relished by all kinds of stock. The seed is a good food for hogs, and yields a fine quality of oil. The stalks, which grow very large, make excellent firewood. It can be sown any time before the middle of July. Plant in hills, allowing three to four plants to each hill, $3\frac{1}{2}$ to 4 feet apart each way: or in drills, 6 quarts will sow an acre. Cultivate the same as corn.

Mammoth Russian. Flowers 18 to 20 inches in diameter. Very showy, but mostly grown for the large amount of seed produced. (Write for prices.)

Sugar Cane or Sorghum

Early Amber Cane. The choicest variety and best for syrup. This is the earliest and richest strain for northern latitudes. Our seed is clean and highest grade. (Write for prices.)

Gem Sorghum or Fodder Cane. Grows 8 to 12 feet high. The greatest known fodder for horses, cows, hogs and sheep. One bushel of seed to the acre. (Write for our Current Farm Seed Price List.)

Soy Bean Hay

Most Nutritious and Relished Forage for All Live Stock

SOY BEAN
FIELD
and
INOCULATED
PLANT SHOWING
LARGE NODULES
ON THE ROOTS

GOOD
INOCULATION

Worth \$8 an Acre
to Enrich Your
Soil



Essentials of Success with Soys

A GOOD SEED BED. Plow the ground early and work it often. It kills the weeds, makes a firm seed bed and is cheaper to do most of the cultivating before the beans are seeded. The soil should be warm to insure quick germination. The surface should be mellow so the little plants won't break their necks trying to push through a crust. The seed bed should be firm and moist underneath to give the roots a good place to work and produce rapid growth. Then plant good seed, preferably inoculated and not too deep, and you are practically sure of success.

Other details are more matters of choice or convenience than essentials of success. The beans may be drilled in rows 28 to 22 inches apart and cultivated, or drilled solid or sown broadcast. It will require 25 to 40 pounds of seed per acre if drilled in rows and 60 to 90 pounds if broadcasted. The best time to plant is May 15th to June 15th after the soil warms up good and corn planting is out of the way.

Varieties

"Crop men of six states in the Middle West have got together and swept out of existence 13 names now in use for Soy Bean varieties. This they have done on the ground that there are 13 more names than there are actual varieties." We list the following varieties:

Midwest, the new name given to the Hollybrook, Mongol, Medium Yellow, and others. Plants stout, erect, bushy, medium height; matures in about 120 days, seeds medium, straw-yellow. Excellent for both hay and seed. Good for silage or to hog off in corn.

Ito San and Medium Early Yellow are one variety. Plants bushy, erect, stout, medium height; matures in 100 to 110 days. Seeds nearly round, medium size, straw-yellow color. Adapted to precede winter wheat in rotation.

Medium Green. An exceptional good bean for hay and forage, also widely used with corn for silage.

Ohio No. 9035. This is a brown bean improved by selection at the Ohio Experiment Station. It is probably the most important of the medium sorts. It is a good one for hay.

Wilson or Sable are so nearly alike that we hesitate to say which is which. The seed is a small black bean but the plant is by no means small, but is quite tall, with fine foliage. This variety is one of the best for hay. Farmers mature it for seed, year after year. Do not use it for hogging down with corn. Any place else, it is alright. Matures in 125 days.

Cow Peas

A valuable legume for pasture hay or improving the soil. Also splendid for soiling and silage—all stock eat it. Very beneficial in any rotation and gathers nitrogen from the air if properly inoculated. Can be planted in spring about corn planting time. Either drill or broadcast 60 to 90 lbs. per acre, 60 lbs. per bushel.

Our Whippoorwill variety is best, a very quick grower. (Write for our price list.)

Winter Vetch

The Great Soil Builder and Cover Crop

This wonderful legume, Winter, Sand or Hairy Vetch is giving great results as a cover and soiling crop wherever used. Whether in the Frost-bound North or the Sunny South, Hairy Vetch is the crop to make soils fertile and keep them so. It grows well on land where clovers do not thrive, and takes the place of these useful legumes. Vetch lives over winter, making good fall and early spring pasture. It is a great crop to sow in the fall to prevent leaching of the soil and wasting of plant foods. Plowed under in the spring for corn, it will add many bushels to the yield. Vetch is usually sown in the fall from August to the last of October, mixed with fall rye which holds up the vetch plant. From 15 to 20 lbs. of vetch is sown with a bushel of rye, but if a heavier stand is desired, sow 20 to 25 lbs. Winter Vetch can also be sown in the spring with oats or any other spring grain, and will furnish early fall pasture, after the grain is cut. Inoculation increases the yield. The feeding value of Vetch is equal to Alfalfa. We have only the best quality pure Winter or Hairy Vetch at lowest market price.

(Write for our price list).



Do you want to enrich your soil so that it will produce **better crops of any kind** in the future, than it has done before.

Then inoculate your seed with **McQueen's Inoculator** this year.

An inoculated legume takes nitrogen from the air and stores it in the soil for future crops.

It makes poor soil good and good soil rich.

When ordering state kind of seed you wish to treat.

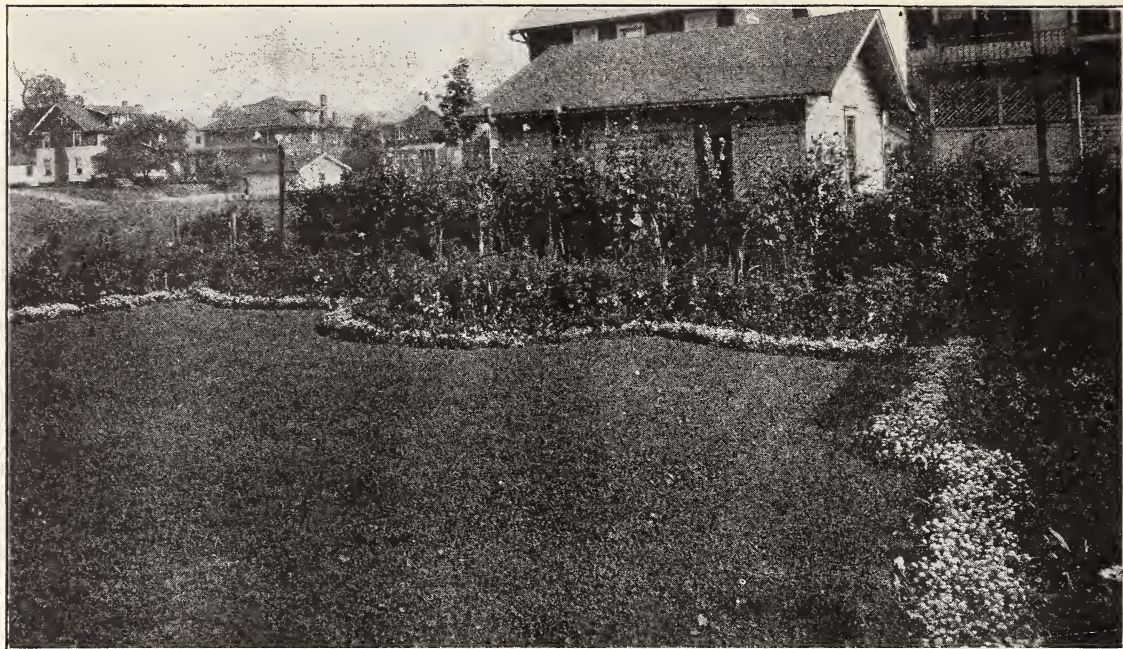
PRICES

½ bu. size treats	30 lbs. seed.....	\$0.50
1 bu. size treats	60 lbs. seed.....	1.00
6-1 bu. sizes treat	360 lbs. seed.....	5.00
10-1 bu. sizes treat	600 lbs. seed.....	7.50

GARDEN SIZE 25c

COMBINATION for Peas, Sweet Peas, Garden and Lima Beans

Write for our Current Farm Seed Price List



The herbaceous perennial border in the garden of J. C. Waters, Canton, Ohio, gives a pleasing all-summer effect, and provides a copious supply of flowers for inside decoration. Most everyone has some nook or corner in their lawn where hardy perennials, the so-called old-fashioned garden flowers, can be used to advantage.

All the Best Fresh Tested Flower Seeds

In the growing and selection of our Flower Seeds, "Quality" has always been our first consideration, and we can safely recommend all seeds offered in this Catalogue as the best obtainable.

To assist in making selections, our Flower Seeds are grouped under three separate headings:

1. Annuals.—Flowers which bloom from seed the first season and last but one year.
2. Hardy Perennials.—Plants which are hardy, and will last for years.
3. Greenhouse Plants.—Tender plants suitable for pot culture in the greenhouses.

All our Flower Seeds are delivered free to any Postoffice. Our packets contain a liberal quantity of seed.

Selecting Flower Seeds for Various Purposes and Situations

Flowering Garden

Annuals

that attain perfection and flower the first season from seed.

Sorts marked * are best for massing in beds.

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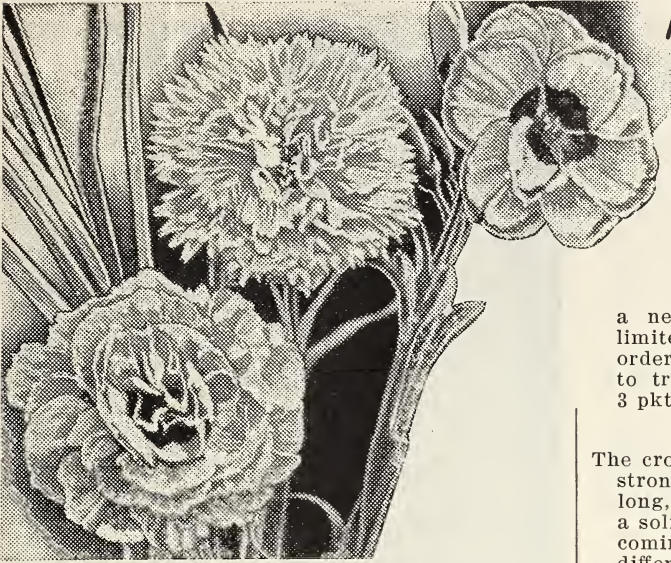
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See General Index Page 80 for Complete List of Flower Seeds



"Holco" Giant-Fancy Pansy

771 These most beautiful of all blotched Pansies have been developed after years of close selection by a skilled market grower who raises no other strain than this which he has improved to such a wonderful degree. The well-formed expanded flowers are uniformly of the largest size. Of the varied ground colors, such as white, cream, yellow, deep orange, mahogany, scarlet, rose, reddish bronze, lavender, and light blue, each petal is beautifully blotched. The seed necessarily is very expensive, but well worth all it costs. Pkt. 20 cts., $\frac{1}{8}$ oz. \$1.00., $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

Cora Van Dusen, Fond du Lac Co., Wis.—I saw Asters last year that came from your firm. They were the most beautiful I ever saw.

Verbena

Mammoth Flowering Mixed

1186 Verbenas are easily grown from seed and can be flowered within a comparatively short space of time after being planted out. The strain which we offer you is our own. The trusses and individual florets are of immense size and contain a wide range of color including all shades from purest white to darkest crimson with the intervening shades of pink, purple, rose, lilac, lavender, etc. For mixed bedding these Verbenas are of exceptional merit. Extra choice mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

Giant Dahlia-Flowered Zinnias

1248 A superb strain of giant-flowered Zinnias, originated in California a few seasons ago. Remarkable not only for their free blooming qualities but for their magnificent range of colors. They vary from purest white to dark crimson and purple, with innumerable intervening odd shades of terra cotta, salmon and golden yellow. The blossoms are not only of immense size, but are quite distinct in form from any other strains of Zinnias grown at the present time. The petals are exceedingly broad and beautifully channelled, which reminds one of the Dahlias, rather than Zinnias, hence the name of the strain. Blossoms are simply enormous as to size, $5\frac{1}{2}$ to 6-inch blossoms being quite common. The plants are of sturdy growth and bloom without intermission from early summer until late autumn. Pkt. 15 cts., 2 pkts. 25 cts.

Mrs. Chas. Brenner, Fayette Co., Pa.—About two years ago I got some seed from you, they were all fine. The Double Mammoth Zinnia especially.

ALLWOODII. Hardy Pinks

This is a new race of hardy plants which will do well in any ordinary garden soil, with the minimum of attention. The plants begin to bloom in the early spring and continue to flower profusely during the entire season and well into autumn. Deliciously clove scented. They are also very suitable for growing in rockeries, window boxes and in pots for use in the cool greenhouse. Seed can be sown in spring and summer out of doors and in autumn and winter under glass. Being

a new introduction, the quantity of seed is limited, and we would advise you to place your order early, that you may not miss the chance to try out this wonderful Pink. Pkt. 35 cts., 3 pkts. for \$1.00.

Crimson King Sweet Pea

The crowning glory of the Sweet Pea family. The strong straight stems, sixteen to eighteen inches long, carry three and four fine large blooms, of a solid, rich, deep, clear crimson throughout, becoming richer in the throat. No distinguishing difference between color of standard and wings. Free from sunburn and wind scald at all times. Do not fail to give this new variety a trial in your garden. Pkt. 25 cts.

America or Globe of Fire Salvia

1018 A new variety, dwarf and bushy, of compact growth and very uniform in height and shape. A free and continuous bloomer, producing large spikes of brilliant scarlet flowers. We recommend this variety over any other dwarf Salvia. Pkt. 25 cts., $\frac{1}{4}$ oz. \$1.75.

Orange King Calendula

190 Double, dark orange red, a very select strain of Supreme quality and size, equally desirable for garden decoration or for cutting. The plants in the open ground under ordinary field cultivation attain a growth of eighteen inches in height and produce blossoms three and a half inches in diameter. No garden is complete without a bed of these showy flowers to add a gorgeous splash of color. Pkt. 5 cts., oz. 40 cts.

191 Lemon Queen Calendula. Clear lemon-yellow. Pkt. 10 cts., oz. 40 cts.



GIANT DAHLIA
FLOWERED ZINNIA

Acroclinium (Everlasting Flower)

An annual "Everlasting," growing about 15 inches high, bearing white or rosy-pink flowers, which, when cut in the bud state, can be dried and used in winter bouquets. Nice to grow in a mixed border aside from its use as an everlasting.

25 Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Ageratum (Floss Flower)

These are easily grown from seed and will flower freely the same season as sown. Withstands the hottest summers but will not stand frost to any extent. Spring sown seed blooms eight to ten weeks after sowing. Splendid for carpet bedding, edging or pot work. We offer you three good selections.

28 Blue Perfection. Dwarf, large, deep blue flowers, fine foliage; fine for edging flower-beds or walks. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

30 Little Blue Star. A variety of exceedingly dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered with bright blue flowers, a fine variety for edging. Pkt. 25 cts.

Alyssum

These annuals are favorites for cutting for bouquets as well as for edging, boxes and baskets. Blooms all summer if not allowed to go to seed.

34 Lilac Queen. Dwarf. A pretty shade of pale Lilac. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts., oz. \$1.00.

35 Little Dorrit. Extremely dwarf and compact, forming perfect little bushes with miniature white flowers; ideal for narrow edges. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts., oz. \$1.00.

36 Carpet of Snow (Little Gem). Only a few inches high; of a spreading habit. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.

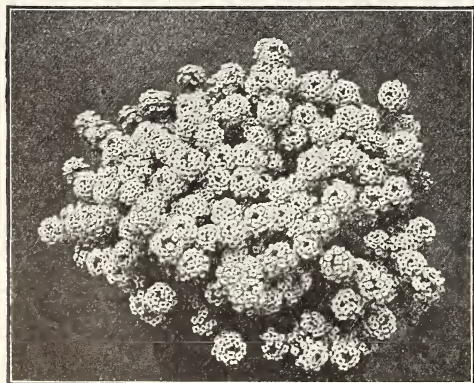
39 Saxatile Compactum (Hardy Perennial). Dwarf and bushy; masses of pale yellow flowers. Height, 1 ft. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts.

Amaranthus

(Annual.) Tender, decorative annuals useful for border plants, centers of beds and among shrubbery. Strong growers, should have 2 to 3 feet space for each plant. Height, 2 to 3 in.

40 Caudatus (Love-Lies-Bleeding). Blood-red; drooping racemes. Pkt. 5 cts.

41 Tri-Color (Joseph's Coat). Foliage scarlet, yellow and green. Pkt. 10 cts., $\frac{1}{4}$ oz. 20 cts.



LITTLE DORRIT ALYSSUM
A mass of white flowers

Antirrhinum (Snapdragon)

(Annuals.) For gorgeous coloring few flowers can match Snapdragons. We direct your attention to the extra quality of our various strains of Antirrhinums. These have been carefully grown, and will be found quite true to color description. For planting out in Herbaceous borders or for massing effects in shrubbery borders Antirrhinums will be found particularly useful. Their culture is easy, they grow well in any garden soil and are of great value as cut flowers. The colors noted in the following set are all distinct.

Tall Giant Flowering, 3 Feet

Following varieties:
Prices—Pkt. 10 cts. each.

- 43 Giant Garnet.
- 44 Giant Yellow.
- 45 Giant Scarlet.
- 46 Giant Carmine.
- 48 Giant White.
- 49 Giant Pink.
- 50 Giant Striped.
- 55 Giant Mixed.

A splendid mixture, containing all the colors. $\frac{1}{4}$ oz. 30 cts.



SNAPDRAGON

See how big and fine the flowers are

52 Philadelphia Pink. A new, pure light rose-pink special selected for forcing and one of the finest Snapdragons for that purpose in existence. $2\frac{1}{2}$ to 3 feet. Small pkt. 50 cts., large pkt. \$1.00.

Antirrhinum (Snapdragon)

Half Dwarf Varieties, 18 Inch

Are particularly good for bedding, as they require no staking. The flowers are most wonderful, in many new shades and tints.

- | | Pkt. |
|--|--------|
| 72 Cottage Maid. Rose pink white throat. | \$0.10 |
| 73 Crimson Queen. | .10 |
| 74 Daphne. Soft blush pink. | .10 |
| 76 Defiance. Orange red. | .10 |
| 78 Golden Queen. Rich yellow. | .10 |
| 81 Mont Blanc. Pure white. | .10 |
| 83 Half-Dwarf Mixed. All the colors | |
| $\frac{1}{4}$ oz. 25 cts. | .10 |

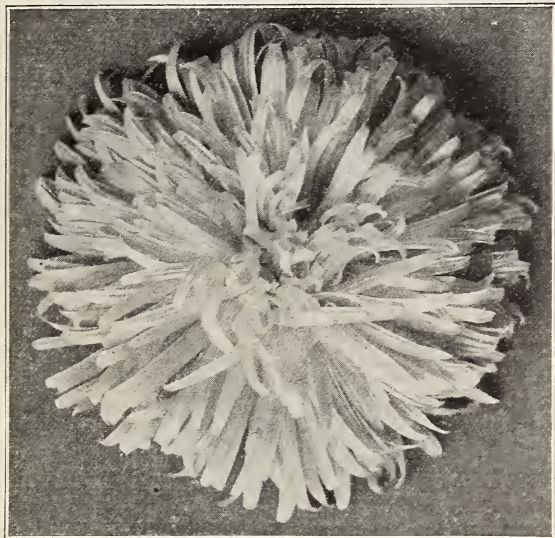
Mrs. John Schultz, Walla Walla County, Washington.—"It is surely a pleasure to me to sow the seeds I get from you, because they all grow and the flower seeds I had from you last year all did so well. I had flowers till frost killed them."

Select any six 5-cent packets for 25 cts. Any six 10-cent packets for 50 cents.



American Asters

Are all of American origin. These are one of our leading specialties, and we have spared neither pains nor expense in bringing our strain to the highest perfection. The seed has been saved from the choicest and most perfect flowers only, and may be relied upon for splendid results. No other flower combines so much beauty with which more brilliant effects can be achieved. From July until September this flower reigns supreme in the garden. To have early flowers, sow seed in the house from March to May; otherwise sow out of doors after danger of frost is over. Asters require well pulverized soil, do not be afraid to cultivate.



CALIFORNIA GIANT ASTER

Peerless Pink

3003 This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust free-branching habit, 24 to 30 inches high, bearing their magnificent blooms on strong stems averaging 18 inches in length. Many measure 5 inches by 2½ inches in depth, forming an almost globular flower. It comes into bloom about the middle of August, being at its best during the early part of September. Pkt. 10 cts., ¼ oz. 75 cts.

Inspiration

2903 A new yellow Aster with magnificent double yellow flowers, 4 inches in diameter, borne upon long stems. The long, broad petals are curled, giving the flower the appearance of a graceful chrysanthemum. Pkt. 15 cts.

Lavender Gem

3002 Is always full double. Most beautiful shade of lavender yet to be found among early asters of the Comet type. Flowers first present a delicate shade which deepens with age and are borne on strong stems of good length. More popular every year. Pkt. 10 cts., ¼ oz. 60 cts.

Red "Sensation"

3004 Reddest of all Red Asters, color being a rich garnet which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high, and the very double flowers, averaging 3½ inches across, are borne freely on stems a foot long, from early in August until the close of September. Pkt. 10 cts., ¼ oz. 60 cts.

Heart of France

3001 Heart of France opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The flowers are large and full, with never a trace of hollow center. The plants are of branching type and very robust habit. The stems are long and strong. The plants begin to bloom quite early in the season and open fully with the mid-season varieties. They retain their brilliancy and luster for a longer period than almost any other color. It is a winner in its class and color. Pkt. 10 cts., ¼ oz. 75 cts.

Pacific Beauty

2900 This new Aster is the Premier of all lavender asters. The petals are narrow, very long and gracefully recurved. Plants are strong growers, bearing wonderful flowers 6 to 8 inches in diameter, on long sturdy stems. Color a beautiful light lavender. Pkt. 15 cts.

Silvery Rose

2901 The original "Silvery" Aster. Of branching type, robust, long stemmed, large flowering. Color, a combination of deep lilac rose almost cerise, delicately threaded with white. The slightest change in light will shade the petals from a glowing cerise to a silvery rose. Pkt. 15 cts.

California Giants

Hybrids characterized by the sturdy growth of the beauty, and the type of flower of the Crego. Flowers are much larger and of more substance than the improved Crego, measuring 5 to 6 inches in diameter. Their immense size and beauty, as well as their long and strong stems make them very attractive. A lover of Asters should not fail to try this wonderful new variety.

Peach Blossom

Deep Rose

Light Blue

Dark Purple

A packet of any one of the above, 15 cts.; 1 packet of each of the four shades, 50 cts.

Six American Asters for 50 cts.

No garden, large or small, should be without the brilliant American Asters. We will mail one packet of each of these six giant Asters for 50 cts.

Royal Rose

Violet King

Heart of France

Royal Purple

Purity

Peerless Pink

When ordering ask for our Leaflet on Aster Culture

New Early Beauty Asters

These new varieties come into bloom at the time the Royal Asters leave off and before the King Asters appear, and are early enough to be grown in any place where early asters will bloom. They have a strong upright growth. The blooming season extends for a considerable period. The flowers are of enormous size, round and fully double. Early Beauty Asters should be in every flower garden.

- 3005 **White Beauty.** Giant white.
 - 3006 **Lavender Beauty.** Clear lavender.
 - 3007 **Purple Beauty.** A gorgeous purple.
 - 3008 **Rose Beauty.** Pleasing bright rose.
 - 3009 **September Beauty.** Delicate flesh-pink.
 - 3010 **American Beauty.** Bright rosy-carmine.
- Any of the Above. Pkt. 10 cts., ¼ oz. \$1.00.
- Collection of a packet each of the above six colors, 50 cts.

Royal Asters

An early flowering form of our Semple's Branching variety, having all the good qualities of the latter, but coming into bloom in July or early August, and lasting for a long time. Their long-stemmed flowers are ideal for cutting.

	¼ oz.	Pkt.
3012 Royal White	\$0.50	\$0.10
3013 Royal Shell Pink .....	.50	.10
3015 Royal Rose Pink .....	.50	.10
3017 Royal Lavender .....	.50	.10
3018 Royal Purple .....	.50	.10
3020 Royal Mixed. All shades....	.45	.10

King Asters

A magnificent class of Asters, distinct from all others in the character of the flower. The long, narrow petals are folded lengthwise, appearing almost as though quilled. The flowers are of great size and substance and last longer when cut than those of almost any other class.

	¼ oz.	Pkt.
3027 Pink King	\$0.50	\$0.10
3028 Rose King .....	.50	.10
3030 Violet King .....	.50	.10
3032 White King .....	.50	.10
3033 Mixed King. All shades....	.45	.10

Semple's Branching Asters

This excellent Aster is of American origin. The plants form strong, branching bushes 2 to 2½ feet high, bearing on long, strong stems flowers which under ordinary cultivation, average 5 inches across. They come into bloom during September, and all things considered, are the most valuable of all Asters, either for cutting or for bedding.

	¼ oz.	Pkt.
3042 Crimson	\$0.50	\$0.10
3044 Lavender .....	.50	.10
3045 Purple .....	.50	.10
3046 Rose-Pink .....	.50	.10
3047 Shell-Pink .....	.50	.10
3049 Pure White .....	.50	.10
3050 Finest Mixed. All shades....	.45	.10



EARLY BEAUTY ASTER

Grego's Giant Asters

The flowers are of immense size, usually measuring from four to five inches in diameter, and borne on stems twelve inches or more in length. Their lasting qualities when cut are unsurpassed. The beautiful flowers are curled and twisted, resembling choice Crysanthemums. The plants usually attain a height of from two or two and one-half feet. The delightful flowers are borne in abundance from late August until the end of September.

	¼ oz.	Pkt.
3060 Giant Pink	\$0.50	\$0.10
3063 Giant Purple .....	.50	.10
3064 Giant Lavender .....	.50	.10
3066 Giant Rose-Pink .....	.50	.10
3067 Giant Crimson .....	.50	.10
3068 Giant White .....	.50	.10
3070 Giant Mixed. All shades....	.45	.10

Imperial Asters

Plants are stiffly erect in habit of growth, and attain a height of eighteen to twenty inches. The flowers are ball-like in form with incurved petals, and are about two and one-half inches in diameter. These Imperial Asters come into bloom during August and are most excellent for cutting.

	¼ oz.	Pkt.
3075 Blue	\$0.50	\$0.10
3076 Lavender .....	.50	.10
3078 Daybreak. The broad silver petals are suffused with soft, delicate pink.....	.50	.10
3080 Purity, or "White Daybreak." Large double flowers of purest snowy whiteness .....	.50	.10
3081 Rose .....	.50	.10
3083 Salmon .....	.50	.10
3085 Mixed. All shades.....	.45	.10

Queen of the Market Aster

A first-class flowering Aster, coming into flower in July, of branching habit, flowers of good size and borne on long stems, making them exceedingly valuable for cutting; 1 ft.

	¼ oz.	Pkt.
3088 White	\$0.50	\$0.05
3089 Flesh-Pink .....	.50	.05
3091 Rose-Pink .....	.50	.05
3093 Lavender .....	.50	.05
3094 Purple .....	.50	.05
3095 Mixed. All shades.....	.45	.05

Miss Ida Haas, Lorain Co., O.—"In spite of a very dry, hot summer, the vegetable and flower seed yielded well. The Asters were the nicest I have had for years, and the Chinese Wool Flowers excited no end of admiration."

Select any six 5 cent packets for 25 cts.; any six 10 cent packets for 50 cents.

Aquilegia (Columbine)

(Hardy perennial.) Our grand strain of these lovely Spring and Summer-flowering plants is unsurpassed. No hardy plant grown from seed is more easily handled than the Columbine. General favorites for borders. Will also do well under shade of trees. Among the earliest flowering perennials, easily grown. Height 1½ to 2 ft.

116 **Coerulea** (Rocky Mountain Columbine). Flowers large, petals white, sepals deep blue, spurs very long. Pkt. 10 cts., ¼ oz. 75 cts.

115 **Chrysanth** (Golden Spurred). Golden-yellow. Pkt. 10 cts., ¼ oz. 50 cts.

118 **Long-Spurred Hybrids**. These delightful plants, which delight in rich soil and shady position are indispensable for the garden, and for use as cut flowers, for table decoration and the adornment of the home; are admired by everyone. The colors are most lovely, ranging from pure white, pink, salmon, pale and deep blue, rose, bronze, ruby, orange, yellow and many most beautiful combinations of these shades. Pkt. 10 cts., ¼ oz. 50 cts.

119 **Double**. All colors mixed. Pkt. 10 cts., ¼ oz. 25 cts.

Bachelor's Button (See Centaurea).

Baby's Breath (See Gypsophila).



BALLOON VINE

Balloon Vine (Love in a Puff)

120 (Annual). A rapid-growing climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons. Pkt. 5 cts., oz. 25 cts.

Balsams (Lady Slipper)

(Annual.) An old favorite garden flower, producing gorgeous masses of beautiful brilliant-colored double flowers in the greatest profusion; of easy culture, succeeds in a good, rich soil; 2 ft. Start the seed indoors in April or sow out of doors in May. They should not be closer than 18 in. apart.

125 **Double Camellia Flowered Mixed**. Finest mixed. Pkt. 5 cts., ¼ oz. 25 cts.

Bean (Runner)

128 **Scarlet Runner** (Annual Vine). A rapid climber, flowering profusely. Grows 10 to 15 ft. high. Pkt. 5 cts., ¼ lb. 15 cts.

A Wild Flower Garden of great profusion may be produced by sowing broadcast **Holco Wild Garden Flower Seed** in any suitable place. Sow 1 oz. per 100 square feet mixed with fine dirt for evenness of distribution. Price 20 cts. per oz.; 60 cts. per ¼ lb.; \$2.00 per lb. postpaid.

Bellis (Double English Daisy)

(Hardy perennial) which will stand the winter if given the protection of a little litter. In bloom from early spring until well in the summer. Easily raised from seed, which may be sown at any time from spring till August. For best results, new plants should be raised from seed each year. They are indispensable for cool shady places.

140 **Monstrosa White**. Flowers very double, of immense size, 2 to 3 in. across and borne on long, strong stems. Pkt. 15 cts., 2 pkts. 25 cts.

141 **Monstrosa Rose**. Same description as white. Pkt. 15 cts., 2 pkts. 25 cts.

142 **Giant Longfellow**. Large double, pink flowers. Pkt. 10 cts., ¼ oz. 50 cts.

143 **Giant Snowball**. Large perfect double; white. Pkt. 10 cts., ¼ oz. 50 cts.

146 **Double Giant Mixed**. Finest mixture. Pkt. 10 cts., ¼ oz. 50 cts.

Campanula or Canterbury Bells

(Hardy Biennial.) These favorite old-fashioned flowers thrive well in all sections of the country. Our strain of Calycanthema or cup and saucer type is an exceedingly fine one. They come almost true to type, each blossom having its well defined cup and saucer form of bloom. There is a vast difference in the quality of the various strains to be noted under this heading. We believe you will find the seeds we offer you to be as good as you can possibly procure.

155 **Calycanthema** (Cup and Saucer). Delightful in form and colors, and elegant subjects for the garden or for pot culture. Height 2 to 2½ ft. Mixed. Pkt. 10 cts., ¼ oz. 60 cts.

Medium (Single Canterbury Bell). Large, bell shaped flowers in many shades. Elegant border or pot-plants. A proportion of seedlings will vary from color, while some single flowers will be found among the double-flowered seedlings. Height 2 to 2½ ft.

	Pkt.	¼ oz.
158 Single Blue	\$0.10	\$0.25
159 Single Rose .....	.10	.25
160 Single White .....	.10	.25
163 Single Mixed .....	.10	.25

169 **Pyramidalis** (Chimney Bell Flower). Stately plants with stems 4 to 5 ft. high; fine for borders or as large, decorative pot-plants; large, broad, tubular flowers. Finest mixture of blue and white. Pkt. 10 cts., ¼ oz. 50 cts.



BELLIS (Double English Daisy)

Calendula (Pot Marigold)

(Annual.) It has only been since the introduction of splendid improved types of these old fashioned Marigolds that their value began to be appreciated. They thrive well in any good garden soil, and will stand several degrees of frost without injury. Our selection of these is exceedingly fine. The stems are long and the flowers large and quite double. Extra fine for cutting.

188 **Meteor.** Large, double, yellow striped with orange. Pkt. 5 cts., oz. 25 cts.

190 **Orange King** (One of the best). Very large double flowers of a dark orange-red. Pkt. 5 cts., oz. 40 cts.

191 **Lemon Queen.** Very large. Double, pleasing shade of bright yellow. Pkt. 5 cts., oz. 40 cts.

192 **Double Mixed.** All colors. Pkt. 5 cts., oz. 25 cts.

California Poppy (See *Eschscholtzia*).

Calliopsis

(Annual.) Very attractive, free-flowering plants of the easiest culture, thriving in any ordinary soil. The new hybrids are very showy and flowers range in color from bright yellow to deep old-gold shades and from blood-red to deep brown. Quite commonly two distinct colors are seen on one plant and even in one blossom. Height 6 in. to 2½ ft.

195 **Drummondii, Golden Wave.** Bright yellow flowers with brown center. Pkt. 5 cts., ¼ oz. 25 cts.

196 **Hybrida, MIXED.** A beautiful strain; quite bush, in habit, some medium, others tall. Colors, very bright and attractive, many individual plants having flowers of two different colors; in size, blossoms vary from small to large. Height 1 to 2 ft. Pkt. 5 cts., ½ oz. 20 cts.

Coreopsis (See page 54).

Canary-bird Vine (*Tropaeolum canariense*)

200 A very pretty annual climber, with canary-yellow blossoms; very popular. Height, 10 ft. Pkt. 5¢, oz. 25¢.



CALENDULA
"ORANGE KING"



GIANT HYACINTH—FLOWERED CANDYTUFT

Cardinal Climber (See page 53).

Candytuft (*Iberis Umbellata*)

(Annual.) Those who are not already acquainted with the large flowered varieties and the delightful new shades to be noted in some of the later selections, have a pleasant surprise in store. They are not valuable for bedding, but make splendid subjects for interior decoration as cut flowers. Height fifteen inches.

210 **Giant Hyacinth—Flowered or Empress.**

Immense pure white spikes. Pkt. 10¢, ½ oz. 30¢.

211 **Rose-Cardinal.** A rich striking color. Pkt. 5 cts., ½ oz. 25 cts.

212 **Lavender.** Delicate shade. Pkt. 5¢ ½ oz. 25¢.

213 **Crimson.** Rich, deep shade. Pkt. 5 cts., ½ oz. 25 cts.

215 **Mixed, all colors.** Pkt. 5 cts., oz. 25 cts.

216 **Sempervirens.** A lovely hardy variety completely covered with heads of white flowers in the Spring. Height 1 ft. Pkt. 10 cts.

Carnation (*Dianthus Caryophyllus*)

(Hardy perennial.) These may nearly all be flowered the first season by sowing early.

219 **Giant Marguerite or Malmaison.** Early flowering; seed sown in February will flower in June. Fine for cut-flowers. Splendid mixture from largest flowers. 1 ft. Pkt. 10¢, ½ oz. 25¢.

220 **Marguerite, Half-Dwarf.** Finest double mixed. Valuable cut flower varieties; sweet-scented and bloom from July to frost. Height 1 ft. Pkt. 10 cts., ¼ oz. 40 cts.

221 **Chabaud's Everblooming.** Produces a high percentage of double flowers, blooming five to six months after sowing. Pkt. 25 cts.

Celosia (*Cockscomb*)

(Annual.) Handsome and distinct, may be grown to a large size and make fine decorative plants and unique beds. Grows 1½ feet; blooms August and September.

230 **Cristata Nana, Empress.** Enormous crimson heads; dark foliage; dwarf. Pkt. 10¢, ½ oz. 30¢.

231 **Cristata, Mixed.** Pkt. 10 cts., ¼ oz. 35 cts.

235 **Plumosa.** Thompson's Magnifica. A mixture of improved varieties of splendid colors. 3 ft. Pkt. 10 cts., ¼ oz. 50 cts.

238 **Chinese Woolflower.** This is a unique type of *Celosia plumosa*, but instead of forming pyramidal panicles of bloom it forms large globular heads, like balls of wool or chenille, of a rich bright-red color. Height 2 to 3 ft; bears numerous flower-heads. Pkt. 15 cts., ½ oz. 35 cts.



DOUBLE BACHELOR'S BUTTON

Centaureas

(Annual.) There is, perhaps, no more popular annual than the *Centaurea*. Will grow well anywhere and as a cut-flower is much in demand.

Centaurea Cyanus (Cornflower). Also known as Bachelor's Button. An old, well-known favorite. Greatly prized for cutting purposes. We call special attention to our new double blue. This variety will produce 60 to 70 per cent of double blooms, the flowers being much larger than the old single type.

	Pkt.	¼ oz.
253 Double Blue (Bachelor's Button)...	\$0.05	\$0.25
254 Double White .....	.05	.25
255 Double Rose .....	.05	.25
256 Double Pink .....	.05	.25
258 Double Mixed .....	.05	.25

Giant Sweet Sultans (*Centaurea Imperialis*)

	Pkt.	¼ oz.
240 White	\$0.10	\$0.25
241 Purple .....	.10	.25
243 Rose .....	.10	.25
244 Mixed .....	.10	.25

Various Centaureas Well Worth Growing

245 **Suaveolens** (Yellow Sweet Sultan, or Grecian Cornflower). Very showy, large, bright yellow flowers; sweetly scented and a popular sort for cutting, lasting well. Pkt. 5 cts., ¼ oz. 25 cts.

248 **Gymnocarpa** (Dusty Miller). Finely cut leaves of a silvery white color. Beautiful for borders or edges. Pkt. 10 cts., ¼ oz. 25 cts.

250 **Candidissima** (Dusty Miller) (*Cineraria*). Thick, silvery white leaves—fine for bedding or borders. Pkt. 10 cts., ¼ oz. 50 cts.

Chrysanthemums

(Annual.) Showy and effective garden favorites, extensively grown for cut flowers. The following hardy annuals are summer-flowering border plants, and quite distinct from the hardy perennial and autumn-flowering varieties.

270 **Single Mixed** (Painted Daisies). Many colors. Pkt. 5 cts., oz. 35 cts.

271 **Coronarium, Double Mixed**. Orange to white. Pkt. 5 cts., oz. 35 cts.

Shasta Daisies (*Hardy perennial*)

359 **Alaska**. A splendid hardy perennial variety, with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals, and borne on long strong stems; a beautiful cut flower, remaining in good condition a week or more. Pkt. 15 cts., 2 pkts. 25 cts.

Cineraria

Very distinct and ornamental house plants, with magnificent heads of velvety bloom, the colors of which include white, very delicate to very dark blue, all shades of pink, carmine and crimson, with bicolors of crimson and white, blue and white, etc. Splendid large flowers.

295 **Holco Dwarf Prize**. Our dwarf cineraria are the finest existing in height, shape of flowers and coloring. Remarkable for their compact habit, height, and enormous sized blossoms. No. shade predominates in the mixture. Pkt. 25 cts.

298 **Stellata** (Star Cineraria). Star-shaped flower in many pleasing colors. Pkt. 25 cts.

Cleome (*Spider Plant*)

(Annual.) Tall, bushy plant, branching freely and continuously in bloom. If protected during first winter it will live another season, height 4 ft.

310 **Pungens**. Pink flowers. Pkt. 10 cts., ¼ oz. 25 cts.

Coix Lachrymae (*Job's Tears*)

315 (Annual.) A strong, broad leaved ornamental grass, with large shining, pearly seeds. Height 2 to 3 ft. Pkt. 5 cts., oz. 10 cts.

Cobea-Scandens (*Cup-and-Saucer Vine*)

An elegant vine of very rapid growth which can be easily raised and flowered from seed the same season. The flowers are quite large, about three inches across, and in shape not unlike those of the Canterbury Bells. It has handsome bronzy foliage and is remarkable for its rapid growth which makes it particularly adaptable for quick work in covering fences, pergolas, etc. Seed should be sown in early Spring for flowering the following Summer. Highly recommended as a shade producing vine.

320 **Purple Cup and Saucer**. Pkt. 10 cts., ¼ oz. 25 cts.

Cockscomb (See Celosia)

Albert Sharp, Massillon, O.—"I received my orders promptly; your seed gave me excellent results."

Columbine (See Aquilegia)

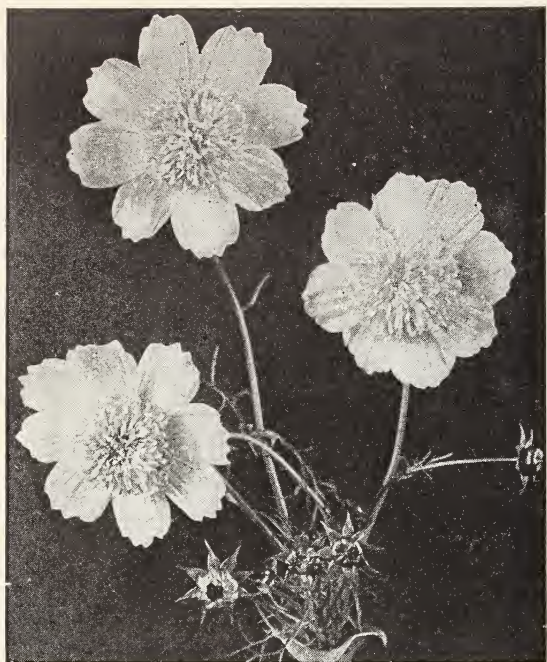
Coleus

323 **Holco Large Leaved**. Popular bedding plants with beautifully colored foliage; easily grown from seed if kept in warm temperature. Finest mixed. Pkt. 25 cts.



GIANT SWEET SULTANS

Hardy Plants Furnished. Write for Prices



DOUBLE FLOWERING COSMOS

New and pretty type

Cosmos

(Annual.) Beautiful autumn-blooming plants. Produce thousands of beautiful flowers in white, pink, and crimson shades, furnishing flowers for autumn decorations when other flowers are scarce. Should be sown in spring when danger of frost is past. Plant not less than 18 inches apart. When plants are a foot high, tops should be pinched out to induce a bushy growth.

Double Flowering		Pkt.	1/4 oz.
326	Pink Beauty	\$0.05	\$0.15
327	White Queen .....	.15	
328	Crimson .....	.15	
A packet of each color for 35 cents			

Extra-early Flowering		Pkt.	1/4 oz.
335	Crimson	\$0.05	\$0.25
336	Pink .....	.05	.25
337	White .....	.05	.25
338	Mixed .....	.05	.20

Mammoth Late		Pkt.	1/4 oz.
329	Pink (Lady Lenox).....	\$0.05	\$0.25
330	White .....	.05	.25
331	Crimson .....	.05	.25
334	Mixed .....	.05	.15

Coreopsis

339 *Lanceolata Grandiflora* (Perennial). This is one of the finest of hardy plants. Grows two feet high, and blooms from June to October. Large orange yellow flowers, much prized for cutting, as they last a long time. Easily grown from seed, flowering the first year. Pkt. 10 cts., 1/4 oz. 25 cts.

Cyclamen

A popular pot-plant for winter and spring flowering; blooms last a long time.

342 *Giganteum*. **Finest Mixed**. Is a magnificent strain of Cyclamen with flowers of extraordinary size and substance. Per 100 seeds \$2.00. Pkt. 25 cts.

343 *Papilio* (Butterfly). Beautifully fringed or waved; mixed colors. Pkt. 50 cts.

344 *Persicum*. Flowers almost equal to the Giant varieties in size, but easier to grow, plants bloom more profusely; mixed colors. Pkt. 15 cts.

Cypress Vine (*Ipomoea Quamoclit*)

(Annual.) One of the most popular vines, with very delicate fern-like foliage and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours. Height 15 ft.

	Pkt.	1/4 oz.
351 Scarlet	\$0.05	\$0.30
352 White .....	.05	.30
350 Mixed . White and scarlet.....	.05	.30

203 *Cardinal Climber*. A beautiful and brilliant annual climber of strong, rapid growth and having showy, fern-like foliage, frequently attaining a height of 15 to 20 feet in a season. The flowers are borne in clusters of 5 to 7 blossoms each and are of a fiery cardinal-red color. Pkt. 10 cts.

Delphinium (*Hardy Larkspur*)

(Hardy perennial.) Sow seeds early indoors or in a hotbed. When about 1/2-inch high, transplant to flats 3 or 4 inches apart. Set out 6 inches apart in the garden. Plants treated thus usually flower first season during August.

377 *Formosum*. Large, rich, dark blue; white center; borne on spikes 2 to 3 feet tall; one of the most popular varieties. Pkt. 10 cts. 1/4 oz. 60 cts.

378 *Belladonna*. A splendid variety. The flowers are an exquisite shade of sky blue, and are valuable for cutting purposes. This variety blooms from early Spring until late Autumn. Pkt. 25 cts., 1/8 oz. \$1.00.

380. *Holco Prize Hybrids*. This strain contains the finest varieties of Delphinium from the best Perennial gardens of England. It is not to be confused with the ordinary mixtures, but is composed of the new and rare high-priced varieties. Gorgeous blues, royal purples, soft silvery rose, mauve and blue with black centres, rich gentian blue with white centre, and other rare color combinations impossible to describe. Flowers single and double, borne on long spikes, and blooming the entire summer. Plant a bed of **Holco Prize Hybrids** and your cut flower problems will be solved. Pkt. 25 cts., 1/8 oz. \$1.00.



HOLCO PRIZE HYBRIDS DELPHINIUM



DIANTHUS (Pinks)

One of the very satisfactory flowers in the garden.

Dianthus or Pinks

The family of Pinks is unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form—blooming profusely until fall, rendering them most satisfactory for summer flower gardens. Sow out-of-doors when danger of frost has passed and they will, in several weeks become a mass of bloom, continuing until frost.

Single Pinks (Annual)

- 392 **Punctatus** (Princess Pinks). A very novel variety, with fringed flowers, mottled, flaked, spotted and striped in the greatest diversity of colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.
- 393 **Heddewiggii** (Single Japan Pink). Finest selected single-flowered, mixed. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

Double Pinks (Annual)

- 395 **Snowball**. Fringed double white, splendid for cutting or as a border. Pkt. 5 cts., $\frac{1}{4}$ oz. 40 cts.
- 396 **Fireball**. Rich, blood-red flowers. Makes a striking contrast to the pure white variety Snowball. Pkt. 5 cts., $\frac{1}{4}$ oz. 40 cts.
- 397 **Mourning Cloak**. Rich, blackish, velvety crimson, margined with pure white. Pkt. 5 cts., $\frac{1}{4}$ oz. 40 cts.
- 398 **Japanese Mixed**. Flowers very large and of the most brilliant colors, varying from pure white to the richest crimson, while many are beautifully laced or striped. For bedding purposes they are of immense value during the entire summer, and they also furnish elegant flowers for bouquets. Height, 6 to 9 in. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.
- 399 **Nobilis** (Double Royal Pinks). Flowers of largest size, varying in color from scarlet to dark blood-red and rose to white. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

Hardy Garden Pinks (*Dianthus Plumarius*)

(Hardy perennial.) These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

- 403 **Allwoodii**. This new race of hardy plants, half Carnation and half Pink, commences to bloom in early spring and continues to flower during entire summer and autumn. Hardy and simple in cultivation. Perfume unequalled by any member of the Dianthus family. Pkt. 35 cts.
- 405 **Plumarius Fl. Pl.** (Double Hardy Garden Pinks). Double and semi-double varieties in beautiful colors. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts.
- 406 **Plumarius Semperflorens** (Florist's Pink). Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color. Pkt. 15 cts.
- 408 **Plumarius** (Clove Pink, Scotch Pink, or Pheasant eye Pink). A beautiful single hardy Pink, with fringed-edged white flowers, with a dark center. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

Didiscus (*Blue Lace Flower*)

- 412 **Coerulea**. The plant is a rapid grower and bears many large blue flower clusters on long graceful stems. It is a lovely plant for the garden where its blue flowers are much admired. The cut flowers give a most pleasing effect in combination with other flowers. The Blue Lace Flower blooms freely in the garden from July until frost, from seed sown in the early spring. Pkt. 15 cts., 2 pkts. 25 cts.

Digitalis (*Foxglove*)

(Hardy perennial.) Handsome plants of sturdy growth, succeeding under the most adverse conditions. Spikes 4 to 5 feet high with giant flowers in all shades of color. Unequalled for naturalizing in shrubberies at the edge of woods or other half shady places.

- 415 **Finest Large Mixed**. The tall spikes are surmounted by one monstrous flower, all colors mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts.

Dimorphotheca (*Aurantiaca*)

- 425 **African Golden-Orange Daisy**. This is by far one of the best introductions in recent years. The plants are of branching habit, growing about 15 inches high; the flowers are of rich golden orange with a dark center. Being an annual it is easily cultivated and will give a magnificent display all summer; very highly recommended. Pkt. 10 cts., $\frac{1}{2}$ oz. 40 cts.



GYPSOPHILA
PANICULATA DOUBLE
(See page 56)

Dolichos (*Hyacinth Bean*)

(Annual climber). Rapid growing climber, bearing bean-like flowers.

430 **Darkness**. A variety from Japan; rapid grower; flower reddish violet. Pkt. 10 cts., oz. 25 cts.

431 **Daylight**. Identical to the above except in color, which is pure white. Pkt. 10 cts., oz. 25 cts.

Eschscholtzia

(*California Poppy*)

(Annual). With fine cut foliage, and large poppy-like flowers, in bloom from June until frost; fine for borders or large beds. Height, 1 ft.

440 **Californica**. Rich Golden orange. Pkt. 5 cts., oz. 40 cts.

441 **Golden West**. Enormous flowers. Deep rich yellow with an intense orange colored center. Pkt. 10 cts., oz. 40 cts.

443 **Geisha**. Inside petals brilliant gold, outside orange-crimson, petals fluted. Wonderful oriental color combination. Pkt. 10 cts., ¼ oz. 30 cts.

444 **Lovely**. Pkt. 15 cts., ¼ oz. 50 cts.

445 **Crimson**. Beautiful carmine crimson flowers. Pkt. 5 cts., oz. 50 cts. Extra good.

447 **Finest Flowering Mixed**. New large flowering erect type, containing a large percentage of new shades in Eschscholtzias, including soft pink, scarlet, chrome copper red, claret and royal purple. Pkt. 5 cts., oz. 50 cts.

Euphorbia

(Annual). Plants with ornamental foliage; very showy and easily raised from seed. Height, 2 ft.

450 **Variegata** (Snow on the Mountain). Annual; foliage margined and veined white; 2 ft. Pkt. 10 cts., oz. 40 cts.

454 **Heterophylla** (Annual Poinsettia). An annual resembling in habit and color the beautiful hothouse Poinsettia. The plants grow over 2 to 3 feet high, of branching, bush-like form, with smooth, glossy green leaves which about mid-summer become a beautiful orange-scarlet, presenting a striking and brilliant appearance. Pkt. 15 cts., ¼ oz. 50 cts.

Everlasting Flowers

456 **All Varieties Mixed** (Annual). The so-called everlasting or straw flowers are of eternal beauty, those that never fade. Unsurpassed for winter decoration, and when made into bouquets or arranged in vases, they last for years. Pkt. 10 cts., ¼ oz. 25 cts.

Feverfew (*Matricaria*)

460 **Double White** (Annual). Free flowering; for bedding or pot culture; showy double white flowers; 18 in. Pkt. 10 cts., oz. 60 cts.

Forget-Me-Not (See *Myosotis*)

Foxglove (See *Digitalis*)

Four O'clock (See *Marvel of Peru*)



GAILLARDIA IMPROVED GRANDIFLORA

Gaillardia (*Blanket Flower*)

(Annual). A splendid garden flower and excellent for cutting. The large highly colored, daisy-like flowers appear the entire season on stout erect stems often 15 to 18 inches in length.

475 **Picta Lorenziana**, Double, Mixed. Beautiful colors, flowering from mid-summer to frost; fine for bedding or cutting; 1½ ft. Pkt. 5¢, ¼ oz. 40¢.

476 **Improved Grandiflora** (Hardy Perennial). Giant flowers, blooming freely. Brilliant colors, yellow and crimson. We have the finest strain of Gaillardias in existence, coming direct from the great perennial gardens of England, where these flowers reach their greatest perfection. They are equally fine for the border or for cutting. Their brilliant colors make a wonderful display in the hardy garden, blooming from June to November. Some of the varieties of this improved strain measure 5 inches in diameter. Height, 1½ ft. Pkt. 10 cts., ¼ oz. 50 cts.

Godetia (*Satin Flower*)

490 **Mixed** (Annual). Very neat and free-flowering annuals that will be satisfactory for edging and for solid beds; for a blaze of color they will vie with the nasturtiums. Should not be planted in too rich soil. In bloom from June to October. Plant about 1 ft. apart. Pkt. 5 cts., ¼ oz. 25 cts.

Gourd (*Ornamental*)

(Annual). Rapid growing climbers for covering arbors, fences, etc., with ornamental foliage and curious shaped fruit.

495 **Sugar Trough**. Used as water holders. Pkt. 5 cts., oz. 25 cts.

496 **Dipper**. Very useful. Pkt. 5 cts., oz. 25 cts.

497 **Japanese Nest Egg**. Pkt. 5 cts., oz. 25 cts.

498 **Pipe Calabash**. Pkt. 5 cts., oz. 25 cts.

499 **Luffa** (Dish-Cloth, Sponge or Bonnet Gourd). Pkt. 5 cts., oz. 30 cts.

500 **Mixed**. Pkt. 5 cts., oz. 20 cts.

Gypsophila (*Baby's Breath*)

One of the daintiest flowers imaginable. The individual blooms are extremely small, but are borne in such large clusters that they look like one immense pure white bloom. Grows readily in dry places and is desirable for rockwork as well as a filler among shrubbery.

520 **Paniculata Fl.-Pl.** (Perennial). A double-flowering form. Bears clouds of small white flowers during July and August; 2 to 3 feet. Grown from best strain of seed obtainable. Pkt. 10 cts., ¼ oz. 25 cts.

522 **Elegans Grandiflora** (Annual). Large flowered, pure white form. Can be flowered from seed within a few weeks after sowing. Pkt. 5 cts., ¼ oz. 25 cts.



HELICHRYSUM MONSTROSUM

Helichrysum (*Straw Flower*)

A very popular annual flower on account of its everlasting properties. Flowers intended for drying should be cut when partly open and suspended with the heads down. The plants should be not less than 1 foot apart to allow them to develop properly. We offer this season a very fine strain of the Monstrosus type. The flowers are of double gigantic size.

	Pkt.	1/4 oz.
534 Canary Yellow	10c	30c
535 Fireball. Bright red	10c	30c
536 Salmon	10c	30c
537 Scarlet	10c	30c
538 Violet	10c	30c
539 White	10c	30c
540 Mixed. All colors, oz. 75c	10c	25c

Heliotrope

(Annual.) The seed we offer of this popular favorite has been carefully saved from the very finest named varieties. It is nothing unusual for the plants to bear heads fully 12 inches in diameter, produced on compact growing plants. Seed sown in early spring will produce full grown plants for July blooming. They can be lifted in the autumn and used as pot plants during winter in cold sections. Height 15 to 18 inches.

545 **Lemoine's Giants. Lavender Blue.** Pkt. 10 cts., 1/8 oz. 50 cts.

Humulus (*Japanese Hop*)

71 **Japonicus Variegatus** (Hardy annual). Where an attractive climber is desired that will stand rough usage, there is nothing better. The leaves are strikingly variegated. A strong grower—20 to 30 feet in a few weeks' time; not injured by heat or insects. Sow early in May. Pkt. 10 cts.; 1/4 oz. 30 cts.

Hollyhock

A superb strain of the finest types of double hollyhocks extant in clean, decided colors. A sowing made in early spring will flower, with good cultivation, during the ensuing summer and autumn. There is nothing more attractive as a back row plant than hollyhocks. We offer the very best strain procurable, which is, without doubt, Chater's.

	Pkt.	1/4 oz.
552 Double Crimson	10c	50c
553 Double Maroon	10c	50c
555 Double White	10c	50c
556 Double Yellow	10c	50c
557 Double Pink	10c	50c
558 Double Rose	10c	50c
559 Double Mixed	10c	40c
560 Allegheny Mixed. Many of the blossoms beautifully fringed. Pkt. 10 cts., 1/4 oz. 30 cts.		

Impatiens (*Sultan's Balsam*)

A charming plant for house and conservatory decoration

581 **Sultani Hybrida.** Colors ranging from pale pink to dark crimson. Pkt. 25 cts.

Ice Plant

(Hardy annual). Interesting dwarf ornamental foliage plants of great beauty; loves a sunny situation, blooms all summer.

665 **Mesembryanthemum** (Crystallinum). Flowers white; foliage covered with ice-like globules. Pkt. 5 cts., 1/4 oz. 15 cts.

Job's Tears (See Coix)

Kochia

(*Summer Cypress* or *Mexican Fire Bush*)

590 (Hardy annual). A very handsome symmetrical plant, forming beautiful globose specimens without pruning or pinching; leaves assume crimson tint in the fall. Height, 3 ft. Pkt. 5 cts., 1/4 oz. 25 cts.

Kudzu Vine (*Japanese*)

595 **Pueraria Thunbergiana.** The fastest growing hardy climbing plant. It will grow 8 to 10 ft. the first year from seed, and after it has become established there seems to be no limit to its growth. Its foliage is large and covers well; it bears small racemes of rosy-purple, pea-shaped blossoms toward the close of August. A splendid subject for covering permanently varandas, dead trees, etc. Pkt. 10 cts., 1/4 oz. 25 cts.



CHATER'S DOUBLE HOLLYHOCK

Lantana

Verbena-like clusters of flowers, some changing color as the bloom ages. They are handsome bedding plants and beautiful for pots. The habit of the New Hybrids is a great improvement, these being fine, dwarf and compact plants. Seed may be sown as late as March.

600 **Hybrida Compacta.** New dwarf varieties. Fine mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Larkspur

(Annual). These are among the best-known garden flowers, and in recent years a vast improvement has been effected by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds and their free, graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shrubby border. They stand well when cut, and a vase of one or mixed colors is indeed charming.

	Pkt.	$\frac{1}{4}$ oz.
370 Dark Blue	\$0.10	\$0.30
371 Pure White.....	.10	.30
372 Lilac .....	.10	.30
373 Lustrous Carmine.....	.10	.30
374 Exquisite Pink.....	.10	.30
375 Sky Blue.....	.10	.30
376 Mixed, all colors.....	.10	.20

Lathyrus (Hardy Sweet Pea)

(Hardy perennial). Everlasting Sweet Pea, with flowers much like the annual sort, but without fragrance. Produces showy, climbing vines suitable for screens, trellises, etc., and flowers all summer.

605 **Latifolius Mixed.** Pkt. 10 cts., oz. 50 cts.

Love-In-A-Mist (See Nigella)

Lobelia

(Annual). Extensively used for bedding, being valuable for blue edging. Also elegant for baskets, pots, etc. Requires a good soil for best effect.

630 **Crystal Palace Compacta.** Foliage dark; flowers rich, deep, blue; the best bedder. Pkt. 10 cts., $\frac{1}{8}$ oz. 50 cts.

631 **Hamburgia.** Trailing Sky Blue. Pkt. 10 cts.

633 **Specosia.** Blue trailing. Pkt. 10 cts.

634 **Cardinalis (Cardinal Flower).** Hardy perennial. A native species, succeeding best in moist situations; flowers intense scarlet; August to October. Height, 3 ft. Pkt. 15 cts.

Lupinus (Lupine)

(Hardy perennial). For growing in the mixed border and for supplying cut blooms for house decoration, Lupines are among the most useful of our garden flowers. Lupines give an abundance of long spikes of delicately scented flowers in June and July. Sown in March or April, and treated as annuals, these plants make a fine show in tall borders during the autumn. Perfectly hardy. Height, 3 ft.

640 **Polyphyllus Mixed.** All colors. Pkt. 10 cts., oz. 25 cts.

Cut Flower Garden Mixture

We take pleasure in offering you something new in this Cut Flower Garden Mixture. This can be used between rows of vegetables, in odd corners and in vacant lots. Each item is suitable for cut flowers, and the mixture is so compounded that you will have continuous bloom throughout the summer. Price oz. 20 cts.



LUPINUS POLYPHYLLUS

Marigold

(Annuals). The various classes of Marigold include a large number of exceedingly bright and attractive flowers, and in autumn when many bedding and other plants are past their prime, they afford a wealth of color that is simply invaluable.

The African varieties produce large self-colored blossoms on tall plants; the French are smaller, but the colors and markings are very interesting, some of the varieties being elegantly striped and spotted. They are most effective in ribbon borders and as edgings to beds of tall flowers, such as Salpiglossis and Zinnia.

Double African Marigolds

650 **Lemon Queen.** Very large, globular, double yellow flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

651 **Orange Prince.** Flowers very large, of a rich orange color. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

652 **African Double Mixed.** Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

Dwarf Double French Marigolds

653 **Legion of Honor (Little Brownie).** Single; bright yellow with dark crimson spots or blotches; a good bedder. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

654 **Dwarf Double Mixed.** Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

655 **Striped Gold.** Double, brownish-red striped. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

Clayton A. Briggs, Salem, O.—“We were very well pleased with all the seeds received from you last year.”

Matricaria (See Feverfew)

Marvel of Peru (Four O'clocks)

660 **Choice Mixed (Annual).** Bushy plants of easy culture, producing hundreds of flowers during the entire summer; very showy in the garden. Height, 2 ft. Pkt. 5 cts., oz. 20 cts.



MORNING GLORY

Mignonette

(Annual.) One of the most delicately scented of all flowers. The plants grow rapidly from seed sown in the open ground early in spring. Mignonette should be planted in light sandy soil, since the fragrance of flowers grown in heavy soil suffers to a marked degree.

671 **Large Flowering Mixed** (Sweet-Scented). One of the finest highly recommended. Pkt. 5 cts., oz. 25 cts.

673 **Golden Machet**. Distinct variety of Machet, with massive spikes of golden-yellow blossoms. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

674 **Goliath**. A robust-growing variety with enormous flower spikes of a rich reddish-green color and delightfully fragrant. Sown out of doors it produces trusses of the largest size. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts.

675 **Defiance**. The individual florets are of immense size, forming a graceful as well as compact spike. Of extraordinary keeping qualities. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts.

Mrs. M. Anderson, Mayville, N. Dak.—"The seeds and bulbs we received we were very well pleased with."

Moon Flower

Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors, or stumps of trees they are invaluable; it is well to soak the seed in warm water over night to assist in rapid germination.

586 **Grandiflora** (Moon Flower). At night and during dull days the plants are covered with large white fragrant flowers. It grows very rapidly and will cover a large surface. Pkt. 10 cts., oz. 50 cts.

588 **Sky Blue** (*Ipomoea rubro-coerulea*). The plant grows quickly and climbs well. The seed should not be sown until the maples are well out in leaf. The beautiful sky-blue flowers, measuring 5 to 6 inches across, are borne in great quantity. Prefers a sunny situation. Pkt. 15 cts., $\frac{1}{4}$ oz. 50 cts.

Morning Glory (*Convolvulus*)

(Annual.) One of the most popular climbers. Rapid grower.

695 **Japanese Imperial Mixed**. Flowers of large size, and great variety of colors. Pkt. 5 cts., oz. 25 cts.

696 **Giant Mixed**. All shades; mammoth size. Pkt. 5 cts.

697 **Heavenly Blue**. Charming and distinct. Flowers are extra large in size, a lovely light blue, outlined with a narrow band of silvery white. Pkt. 10 cts., oz. 35 cts.

698 **Setosa** (Brazilian Morning Glory). Flowers of pleasing rose color, borne very freely in large clusters. As a quick-growing vine it has no equal, covering an enormous space in a short time. Pkt. 10 cts., oz. 30 cts.

699 **Double White Tassel**. This beautiful flower remains open all day. It is white, very double and fringed. Pkt. 15 cts.

Myosotis (*Forget-Me-Not*)

These are lovely plants for moist and shady situations. These flower the first year from seed. Sown in spring they flower in the fall; if wanted for spring flowering sow in July and transplant in the fall. Height, 1 ft.

700 **Alpestris, Victoria**. Dwarf and bushy. Also very early, flowering 8 to 10 weeks after sowing; large bright blue flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 35 cts.

701 **Alpestris, Mixed**. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts.

703 **Palustris**. The true "Forget-me-not." Large bright blue flowers. Blooms from early spring until late in autumn. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

Nasturtiums (*Tall or Climbing*)

(Annual.) For covering trellises, fences, arbors, piazzas, trailing from vases, over rockwork, etc., nothing can equal the gorgeous effect produced by their great quantities of bloom from early summer until frost. Height, 5 to 10 ft.

710 **Butterfly**. Lemon-yellow, upper petals marked dark red, lower petals marked terra-cotta red. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

711 **Midnight**. Foliage very dark green, flowers deep brownish red. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

712 **Rose**. A lovely shade of rose. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

714 **Jupiter**. Large golden-yellow flowers, on long stems. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

715 **Sunlight**. Pure, rich butter-yellow flowers, often 2 inches across. Pkt. 10 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

716 **Moonlight**. Very light cream flowers, of largest size. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

717 **Twilight**. Large, beautiful flowers, salmon-rose, suffused scarlet. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

718 **Crystal Palace**. Bright orange-scarlet marked with bronze. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

721 **Holco Tall**. Finest mixed. Composed of most brilliant colors. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., postpaid.

Dwarf Nasturtiums

730 **Aurora**. Rich yellow, veined carmine. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

731 **Crystal Palace Gem**. Sulphur yellow, spotted maroon. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

732 **Deep Crimson**. Deep velvety red, brown and brownish crimson. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

733 **Rudolph Virchow**. Soft rosy pink. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

734 **Midnight**. Plants of extremely dark green foliage. Flowers deep brownish red. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

736 **Pearl**. Creamy white. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

737 **Queen**. Dwarf, dense bushes, with variegated foliage and flowers in a large variety of colors. Pkt. 5 cts., oz. 20 cts., $\frac{1}{4}$ lb. 60 cts.

740 **Holco Dwarf**. Finest mixed. Remarkable for brilliancy of coloring. Pkt. 5 cts., oz. 15 cts., $\frac{1}{4}$ lb. 50 cts., postpaid.

Nicotiana (Tobacco)

755 **Affinia** (Tuberose-Flowered Tobacco). Hardy annual. Sweet scented, pure white, tubular flowers, blooming continually. Height, 2 to 3 ft. Pkt. 5 cts., $\frac{1}{4}$ oz. 20 cts.

757 **Sanderac**. A splendid type in a great variety of colors. Pkt. 10 cts., 3 pkts. 25 cts.

W. H. Bastard, Lorain Co., O.—“I wish to thank you for the California Poppy seeds, and others that you sent me last year. They were admired by all who saw them, and a source of beauty from spring until frost. We are starting in gardening, and are sending our order to you.”

Nigella (Love in a Mist)

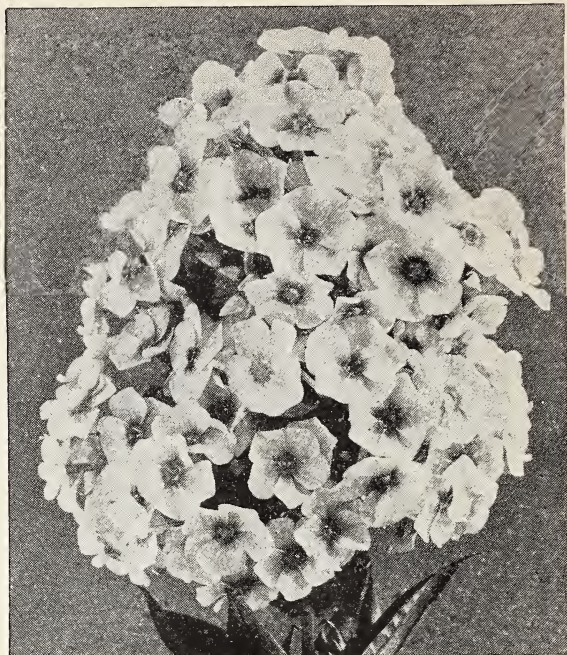
765 **Damascena** (Annual). Showy, with finely-cut foliage, and centaurea-like flowers, blue and white mixed. Height, 1 ft. Pkt. 5 cts., $\frac{1}{2}$ oz. 25 cts.

Pentstemon (Beard Tongue)

820 **Large Flowering Mixed** (Hardy perennial). A beautiful plant, producing large spikes of handsome flowers. Height, 3 ft. Pkt. 5 cts., $\frac{1}{8}$ oz. 20 cts.

Pea, Everlasting (See Lathyrus)

C. L. Fies, Dayton, O.—“The Holco Prize Pansy seed I got from you last year certainly put me in good here, as they were the finest Pansies around here, and I sold eight frames of them. I shipped 5000 to New Orleans, and this customer was after more this year. You cannot imagine what large, fine, beautiful plants they were, and I can truthfully say the best I have ever seen.”



HARDY PHLOX

Our strain is superb (see page 62)

Holco Giant Flowered Pansies

How to Grow. Pulverize the soil to a depth of 6 or more inches. On the level surface, spread a layer of pulverized manure, to a depth of at least one inch. Overlay the manure with a half-inch of fine soil. Roll or rake down and tamp; soak down the bed several inches. Sow your seed in drills or broadcast. Cover as lightly as possible with the best soil or sand. Use light spray of water to moisten surface, but do not make soaking wet. Never allow your beds to become

dry. Any dryness after seeds sprout is absolutely fatal. These directions are for sowing in the open field, but will apply when using flats or cold frames. An ounce of seed sows 60 to 75 square feet. We estimate five to six thousand plants per ounce.



“HOLCO” GIANT PRIZE PANSIES

The largest, finest strain there is anywhere

“Holco” Giant Prize Mixed

770 A new strain of Pansy with immense flowers, many of them ruffled, and as for color, they come in all the shades of the rainbow. Wonderfully tinged with every color known to pansies, including many of the sunburst shades. Deliciously fragrant. Pkt. 25 cts., $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.25, oz. \$8.00.

“Holco” Giant-Fancy Mixed

771 These most beautiful of all blotched Pansies have been developed after years of close selection by a skilled market grower who raises no other strain than this, which he has improved to such a wonderful degree. The well-formed expanded flowers are uniformly of the largest size. Of varied ground colors, such as white, cream, yellow, deep orange, mahogany, claret, rose, reddish bronze, lavender, and light blue, each petal is beautifully blotched. The seed necessarily is very expensive, but well worth all its costs. Pkt. 20 cts., $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

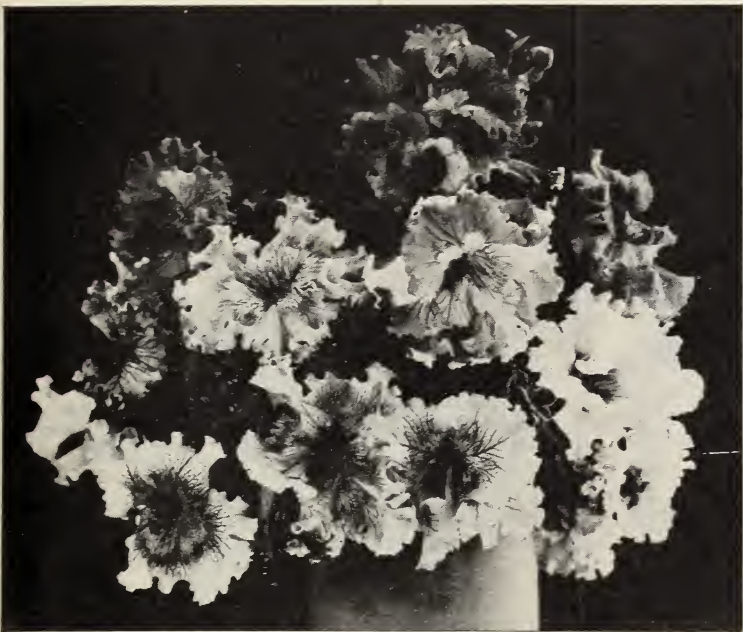
775 **Giant Exhibition Mixed.** This is a fine strain, the flowers being of perfect form and richest colors. For frame culture this variety is unexcelled, producing flowers of great size and perfection; equally good out of doors. Pkt. 25 cts., $\frac{1}{8}$ oz. 75 cts., oz. \$5.00.

777 **Masterpiece** (Giant Ruffled). A remarkable type, each petal being conspicuously curled or waved. The range of color is very extensive, the rich, dark, velvety shades predominating. Pkt. 15 cts., $\frac{1}{8}$ oz. 75 cts.

778 **Mastodon Mixed.** Extra large, colors are wonderful; something worthy of trial. Pkt. 25 cts., $\frac{1}{8}$ oz. 75 cts., $\frac{1}{4}$ oz. \$1.50, oz. \$5.00.

781 **Mme. Perret.** A new and beautiful strain, originated with a French specialist, flowers of large size borne very freely in great diversity of color, especially rich in red and wine shades. The stock we offer comes direct from the introducer. Pkt. 15 cts., $\frac{1}{8}$ oz. 75 cts.

780 **Trimardeau or Giant Mixed.** Pkt. 10 cts., $\frac{1}{8}$ oz. 50 cts., oz. \$3.50.



GIANT RUFFLED FRINGED PETUNIA

See how very big and fine the flowers are. This is a handsome type

825 **Giant of California.** Bears gigantic flowers, often 5 or more inches in diameter of an astonishing variety of colors. One feature of excellence is the deep throat and the diversity of veining in the throat. Flowers are beautifully ruffled and frilled. Pkt. 25 cts.

830 **Finest Mixed.** Bright color. Pkt. 5 cts., ¼ oz. 35 cts., oz. \$1.00.

Double-Flowering
Petunias

832 **Large-Flowering, Double, Mixed.** A superb mixture of finely fringed varieties in many colors. Pkt. 35 cts., per 500 seeds, \$1.00.

“Balcony” Petunias

A superb new strain of medium size Single bedding petunias, growing about 12 inches high, with flowers averaging 3 inches across; of special value for window or porch boxes and vases, or solid beds in the garden.

These Petunias will produce an unbroken display of color from early Spring until late Autumn.

	Pkt.
835 White	\$0.20
836 Rose .....	.20
837 Blue .....	.20
838 Crimson .....	.20

A packet of each of the above Balcony Petunias for 60 cts.

Mrs. R. J. Dawson, Lake Co., O.—“Enclosed please find order for Masterpiece Pansies. Seed procured from you was very satisfactory, especially the Giant Fringed Petunias, which were very large and beautiful, one flower measuring 5½ inches in diameter.”

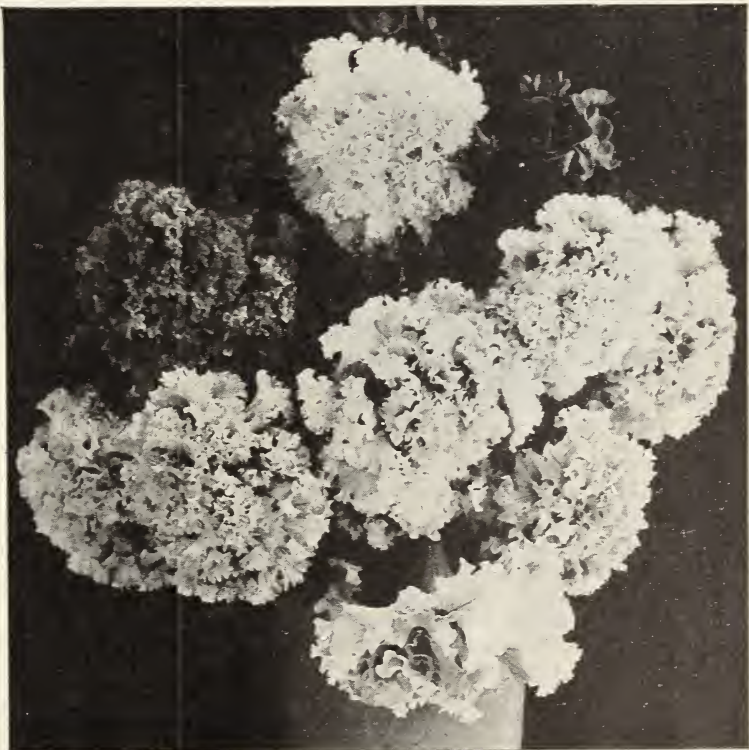
Petunia

We advise sowing seed thinly in shallow boxes of light, rich soil in any sunny window during February or March. When plants are well started, transplant to small pots or boxes. Do not discard the smaller plants, as these are quite apt to produce the finest flowers, especially in double flowered strains. When weather beams warm, and trees are well in leaf, these plants may be set out in rich soil 12 inches apart each way. Bedding kinds can be sown outdoors in May.

827 **Giant Ruffled Fringed.** Our grower has specialized in crossing Petunias, selecting for the purpose each year, the strongest, finest varieties susceptible to further improvement. As a consequence, these Petunias are unexcelled the world over in size and color. Almost every color and color combination has been attained, and their remarkable beauty is certainly difficult to describe. These Petunias were awarded the Gold Medal at the California Land Show. Pkt. 25 cts.

826 **Howard's Star.** Very free-flowering. A blush-pink star on maroon ground. Pkt. 10 cts., ½ oz. 50 cts.

Miss Nelle Hammer, White Pine, Tenn.—“Last year I ordered some flower seeds from you and I never saw as beautiful petunias as I raised from your seeds. They were extra large.”



LARGE FLOWERING DOUBLE PETUNIA

Flowers are extraordinarily Double



DRUMMONDII PHLOX

Our strain is superb

Phlox Drummondii

(Annuals.) The Phlox Drummondii is one of our best annuals, flowering freely all the summer. For richness of color they cannot be surpassed. They are invaluable for beds and ribbon-gardening, therefore no garden should be without them. They should be sown outdoors in May, in a situation well open to the sun, and they will flower and be a mass of color in July and continue until late autumn. Seeds may be sown in a hot-bed in March and flowers be had in June.

- 840 **Phlox Drummondii.** Contains a wide range of colors. An exceedingly choice strain. Height, 12 in. Pkt. 5 cts., $\frac{1}{4}$ oz. 25 cts., oz. 75 cts.
- 841 **Large Flowering Dwarf Phlox.** Valuable class of the large-flowering annual Phlox. The colors are striking, the habit compact and dwarf, the plants frequently attaining only 4 to 6 inches in height, forming masses of flowers from 9 to 10 inches across. Strongly recommended for beds, edgings, or borders. Pkt. 10 cts., $\frac{1}{4}$ oz. 60 cts.
- 845 **Starred and Fringed.** Of dwarf habit, with very pretty star-shaped flowers. A novel variety; mixed colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.
- 847 **Hardy Perennial Phlox.** Hardy herbaceous perennial and quite distinct from the varieties of Phlox Drummondii offered above, which are annuals. For best results should be sown as soon as frost is out of the ground in spring or as soon as gathered in the autumn. Pkt. 15 cts., $\frac{1}{4}$ oz. 75 cts.

Pink (See Dianthus)

Charley Peshamus, N. Y.—"Please send me Holco Seed Book, the seeds I got of you last year were fine. I would like to send my order as soon as possible."

Poppies

Poppies are unsurpassed for brilliancy of color and from the charming little Shirley to the gorgeous peony-flowered they are subjects of lavish admiration. As they do not transplant satisfactorily, it is advisable to sow where they are to remain. Many are elegant for cutting, particularly the Shirleys; these, if picked early in the morning with buds just showing color, will be found durable for 2 days or more.

Single Annual Poppies

- 850 **"Holco" Select Shirley.** This is an extra fine strain of these charming poppies. They are single, and range in colors from the purest white through the delicate shades of pale pink, rose and carmine or the deepest crimson and blood-red, while many are edged and striped. Pkt. 5 cts., oz. 50 cts., $\frac{1}{4}$ lb. \$1.25.
- 851 **Tulip Poppy (Glaucum).** Vivid Scarlet. An improved strain of the wild Flanders Poppy. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.
- 853 **American Legion.** This new single Shirley is a dazzling orange scarlet of enormous size, borne on nice straight stems. Plants are very erect, of robust growth. Pkt. 10 cts., $\frac{1}{4}$ oz. 75 cts.

Double Annual Poppies

- 854 **Cardinal.** Large; fringed; scarlet; very effective. Pkt. 5 cts., oz. 30 cts.
- 855 **Carnation Flowered.** A splendid border variety. Large, very double, fringed flowers in brilliant colors. Height, $2\frac{1}{2}$ ft. Pkt. 5 cts., oz. 25 cts.
- 857 **Mikado (the Striped Japanese Poppy).** This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Pkt. 5 cts., oz. 30 cts.
- 858 **Peony Flowered.** Large, showy, double globular flowers, resembling a double peony, mixed colors. Pkt. 5 cts., oz. 25 cts.
- 859 **Holco Special Mixture, Double Poppies.** This includes all of the above sorts, and will produce charming flowers in an endless variety of colors. $\frac{1}{4}$ lb. 85 cts., 1 oz. 30 cts., $\frac{1}{2}$ oz. 20 cts., pkt. 10 cts.

Hardy Perennial Poppies

These varieties may be sown from July to September to flower the following season, though the Iceland variety will flower the first season from seed sown in February.

- 860 **Iceland.** Very graceful, dwarf plants containing over twenty shades. Height, 1 ft. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts.
- 861 **Orientele (Oriental Poppy).** Gigantic, dark scarlet flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.
- 862 **Oriental Mixed Hybrids.** A splendid mixture of all colors, rose, lilac and mauve shades included. Pkt. 15 cts., $\frac{1}{4}$ oz. 50 cts.
- 864 **Princess Victoria.** Rich salmon pink. Pkt. 15 cts.

Portulaca (Sun Plant)

(Annual.) Dwarf-growing plants of easy culture; thriving best in a light, sandy soil and a sunny situation; flowers of the brightest colors.

- 870 **Single Mixed.** All colors. Pkt. 5 cts., oz. 60 cts.
- 871 **Double Mixed.** Of the most brilliant scarlet, yellow, white, etc. Pkt. 10 cts., $\frac{1}{4}$ oz. 60 cts.



FRINGED CHINESE PRIMROSE

Primula (*Primrose*)

These beautiful Chinese Fringed Primrose and Obconica varieties are indispensable for spring decoration in the home or conservatory, and rank among the finest of all winter blooming pot-plants grown by the florist or the home gardener. Our giant Fringed strain is of the highest merit and is carefully selected. Sow in March, April and May.

Fringed Chinese Primroses

- 875 **Giant Mixed.** Superb mixture. Pkt. 35 cts.
 878 **Stellata** (Star Primrose). Very fine as pot-plants or for cutting, remaining fresh for many days. Mixed. Pkt. 25 cts.

Various Primroses

- 880 **Kewensis** (Verbena Scented Primrose). Very attractive, pleasing bright yellow flowers borne on long spikes. Very fragrant, excellent house plant. Pkt. 25 cts.
 882 **Obconica Gigantea Mixed.** These are of easy culture. To develop the colors to the highest degree, grow in heavy soil, and at a temperature as near 60 degrees as possible. They will not germinate well in any compost containing leaf mould or peat. Pkt. 20 cts.
 885 **Malacoides** (Improved Baby Primrose). A fine house paint; flowers delicate lilac. Pkt. 25 cts.
 890 **Vulgaris** (Hardy English Primrose). Canary yellow; fragrant. Pkt. 15 cts.

Pyrethrum

Valuable, hardy, herbaceous garden plants with large single or double flowers, 3 to 4 inches across, of rose, flesh, pink, white, crimson, etc., freely borne on stems about 2 feet high; they remain in bloom for a long time.

- 896 **Double.** Large flowering, mixed colors. Pkt. 25 cts.
 897 **Single.** Large flowering, mixed colors. Pkt. 10 cts.
 898 **Aureum** (Golden Feather). Fine little plant for bordering and edging beds, contrasting very nicely with its bright yellow foliage. 6 in. Pkt. 5 cts., ¼ oz. 25 cts.

Ricinus (*Castor Oil Bean*)

(Annual.) Ornamental plants of stately growth and picturesque foliage with brilliant colored fruit, producing sub-tropical effect; fine for lawn, massing or center plants for beds.

- 995 **Cambodgiensis.** The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size. Height, 5 ft. Pkt. 5 cts., oz. 25 cts.
 996 **Zanzibarensis.** Plants attain great dimensions; gigantic leaves. Pkt. 5 cts., oz. 25 cts.
 999 **Mixed.** All sorts. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts.

Rudbeckia (*Coneflower*)

- 1005 **Bicolor Superba.** Fine, free flowering annual, growing about 2 feet high, producing its bright flowers in great abundance on long stems. The disk is velvety brown, the florets golden yellow. Very showy, and useful for cutting. Pkt. 10 cts.
 1006 **Newmanii.** A very showy perennial, with large flowers of deep yellow with black cones; a grand autumn flowering plant. Pkt. 15 cts.

Salpiglossis (*Painted Tongue*)

(Annuals.) A bed of these beautiful plants is easily one of the most striking features in any garden. They are of the easiest culture, succeeding in good ordinary soil and in a sunny position. The plants grow from 24 to 30 inches high, blooming all summer till frost. Splendid for cutting.

- 1010 **Finest Mixed.** Containing many colors. Pkt. 10 cts., ¼ oz. 40 cts., 1 oz. \$1.25.



SPLENDENS SALVIA

Salvia (*Scarlet Sage*)

(Annual.) This popular bedding plant is impossible to be replaced. There is nothing more effective in the fall or mid-summer than these bright scarlet flowers. Seeds should be started either in the house from February until April or in hot-beds. May be sown in the open ground in May.

- 1015 **Zurich.** A new dwarf, free and early-flowering variety. A splendid bedder. Height, 1½ ft. Pkt. 15 cts., ¼ oz. 75 cts.
 1016 **Splendens** (Scarlet Sage). Tall variety, very rich and free; late. Height, 3 ft. Pkt. 10 cts., ¼ oz. 60 cts.
 1017 **Bonfire** (Clara Bedman). Compact bushy plants, 2 feet high, producing innumerable erect spikes of the most brilliant scarlet flowers. Pkt. 10 cts., ¼ oz. 50 cts.

"Holco" Spencer Sweet Peas for 1924

These are sometimes called Orchid-flowered Sweet Peas, and can now be had in almost any color. The unique combinations of shades are almost indescribable. "Holco" list comprises the newer varieties that have replaced the old type of Spencer Sweet Peas. Prices: Any of the following except where noted. Pkt. 10 cts., oz. 40 cts., $\frac{1}{4}$ lb. \$1.20.

White

- 1078 **Constance Hinton White.** Black seed.
1119 **King White.** Pure, glistening white; giant size.

Cream Pink Shades

- 1080 **Dobbies Cream.** Deep primrose.
1108 **Elfrida Pearson.** Lovely shell-pink.
1140 **Mrs. Arnold Hitchcock.** Soft pink, flushed with salmon on cream.
1086 **Miriam Beaver.** Light apricot and buff.
1142 **Picture.** Cream and pink blended, deeper on wings; waved and frilled.

Pink Shades

- 1082 **Hawlmart Pink.** Beautiful shade of rich, rose-pink, flushed and shaded with salmon. Large, waved blooms borne in fours.
1091 **Hebe.** Giant rosy, pink.
1134 **Hercules.** Wonderful deep, rose-pink. Enormous size, excellent form.
1146 **Sunset.** Rich rose and gold; large size; magnificent and unusual. Pkt. 15 cts.

Red Shades

- 1109 **Crimson King.** Loveliest and most magnificent of all Sweet Peas. Deep, rich crimson; does not change color with age. Pkt. 25 cts.
1081 **Fiery Cross.** Brilliant, flaming red.
1114 **George Herbert.** Rosy carmine.
1118 **King Edward.** Deep, crimson; waved.
1143 **Royal Scot.** Deep cerise; beautifully waved.
1090 **Sunproof Scarlet.** The brightest scarlet sweet pea. Pkt. 20 cts.

Orange and Salmon Pink Shades

- 1132 **Barbara.** Giant, fine salmon.
1117 **Illuminator.** Glowing, cerise salmon, with a suggestion of bright orange.
1088 **Robert Sydenham.** Wonderful glowing orange; beautifully waved.
1144 **Tangerine.** Deep orange, almost the color of a tangerine; large and well waved.

Lavender Shades

- 1145 **Austin Frederick.** Improved. Charming shade of lavender, standards slightly deeper. Flowers of immense size on long stems. Pkt. 15 cts.
1146 **Dobbie's Lavender.** Bluish lavender.
1129 **R. F. Felton.** Rich, pinkish lavender of immense size.
1084 **Margaret Madison.** Azure blue; blooms freely.

Blue Shades

- 1139 **Commander Godsall.** Deep, violet-blue. Flowers large, waved.
1135 **Helen Pierce.** Marble blue on white.
1141 **Mrs. Tom Jones.** Bright, delphinium-blue. Flowers large, beautifully waved; four on a stem.
1131 **Wedgewood.** Lovely shade of bright blue.



CRIMSON KING SWEET PEAS

Maroon and Purple Shades

- 1089 **Royal Purple.** Rich, warm purple; blooms profusely.
1137 **Warrior.** Rich, reddish maroon, flushed with bronze.

Bicolor

- 1123 **Mrs. Cuthbertson.** Standard is rose-pink, wings are white flushed light rose.

Holco Giant Spencer Mixed

- 1076 For those who do not care to keep the colors separate, we have prepared a mixture of the most attractive colors and finest forms of Spencers. This is carefully blended so that the colors are well balanced, and will make a wonderfully showy row in your garden, and be a constant delight to those who like variety of color in their cut-flower bouquets. Pkt. 10 cts., oz. 25 cts., $\frac{1}{4}$ lb. 75 cts., lb. \$2.50 postpaid.

"Holco" Large Flowering Mixed

- 1077 This is the best possible mixture that can be made from existing Grandiflora or Eckford varieties. It has been our endeavor to secure the best balanced mixture of color for the admirers of the Grandiflora type, and those in search of a good mixture at a low price. Pkt. 10 cts., oz. 15 cts., $\frac{1}{4}$ lb. 40 cts., lb. \$1.00.

Scabiosa (*Pin Cushion Flower*)

(Annual.) These are of easiest culture. Seed can be sown any time in the spring after danger of frost is passed. They grow $\frac{1}{2}$ to 3 feet tall, and come into bloom early in July and bloom until frost. The colors range from white to pink, from cherry red to blue.

1020 Large Flowering Double Mixed. An assortment of all colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts., oz. 50 cts.

Schizanthus

1026 Wisetonenis (*Butterfly Flower*). Annual. Very easily grown from seed sown early in the spring for Summer blooming, or in the Autumn for Winter and Spring blooming. It can be grown to perfection in hanging baskets. It is such a profuse bloomer that the foliage can hardly be seen. The flowers resemble somewhat certain varieties of orchids and are of the prettiest blend of colors imaginable. Pkt. 20 cts.

Snapdragon (See *Antirrhinum*)

Stock (*Gilliflower*)

(Annual.) The charming colors, delightful fragrance, and free blooming character of the stocks have made them favorite plants for both Summer and Winter cultivation. They are very effective for beds and borders, and their handsome flower spikes are invaluable for bouquets and floral decorations. The large-flowering Ten-week is the earliest to bloom. For succession sow the Giant Beauty of Nice and Cut-and-Come-Again varieties which bloom abundantly until frost.

Large Flowered Dwarf 10-Week Stocks

Used for bedding out for summer blooming, coming into flower quicker than the other types.

	Pkt.
1030 Blood Red	\$0.10
1031 Light Blue .....	.10
1032 Bright Pink .....	.10
1033 Purple .....	.10
1034 Pure White .....	.10
1035 Canary Yellow .....	.10
1036 Choice Mixed $\frac{1}{8}$ oz. 50 cts. ....	.05

Mammoth Beauty of Nice Stocks

Grow 2 feet high and have many spikes or large, double, fragrant flowers, excellent for house decoration, and for cutting during the winter months. Seed should be sown from July to September; if sown in February or March will bloom out of doors from midsummer till fall.

	Pkt.
1040 Beauty of Nice. Delicate flesh pink.	\$0.15
1046 Mixed $\frac{1}{8}$ oz. 75 cts. ....	.10

Cut-and-Come-Again 10-Week Stock

Perpetual-blooming sort, sown in March or April. Will flower in July and till frost; very double fragrant flowers.

	Pkt.
1050 Princess Alice. White.	\$0.15
1055 Mixed $\frac{1}{8}$ oz. 75 cts. ....	.10

Stokesia (*Cornflower Aster*)

(Hardy Perennial.) Plants grow about 15 to 18 inches high, bearing freely from July to October, handsome Centaureas-like blossoms, each measuring from 4 to 5 inches across; it is of easy culture and one of the most desirable plants for the hardy border, and also for cutting.

1060 Cyanea, Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 30 cts.

Straw Flower (See *Helichrysum*)

Sunflower (*Helianthus*)

(Annual.) The larger varieties are useful in forming backgrounds of large beds or borders and for distant effects, while the smaller sorts may be planted with scarlet salvia, cannas and other tall bedding plants, and furnishing good cutting material.

520 Double Chrysanthemum-Flowered. Rich, golden-yellow flowers, perfectly double, resembling a Chrysanthemum or Dahlia. Height 7 ft. Pkt. 5 cts., oz. 35 cts.

531 Miniature (*Helianthus cucumerifolius*). Covered with hundreds of brightest orange, small, single flowers; of pyramidal growth, with bright, neat foliage. Pkt. 10 cts., oz. 35 cts.

535 Red Sunflower. For countless thousands of years Sunflowers of all kinds have brightened earth with flowers of golden yellow. And now nature has suddenly given us a Sunflower with blossoms of a beautiful chestnut red. As easily grown as any of the common Sunflowers. The flowers vary in color from a rich chestnut red, to red variously bordered with yellow. A striking novelty in the garden, and the gorgeous, long-stemmed blooms are beautiful and lasting as cut flowers. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

Sweet William (*Dianthus Barbatus*)

(Biennial.) One of the most highly esteemed of all hardy garden plants. They are not only of easy culture, thriving in any garden soil, but produce a wonderful show of color each succeeding Spring. Although the plants last over two seasons, it is generally advisable to make a fresh sowing each Spring, for blossoming the following year. Height, 18 inches.

1070 Pink Beauty. Improved fine salmon pink. Pkt. 15 cts., $\frac{1}{4}$ oz. 50 cts.

1171 Holborn Glory. A magnificent strain with very large flowers of many attractive shades, and admired by all lovers of Sweet Williams. Mixed colors. Pkt. 10 cts., $\frac{1}{4}$ oz. 25 cts.

1172 Scarlet Beauty. Rich deep scarlet, very fine. Pkt. 15 cts., $\frac{1}{4}$ oz. 50 cts.

1175 Giant Double Mixed. Strikingly brilliant and beautiful. Pkt. 10 cts., $\frac{1}{4}$ oz. 50 cts.

Thunbergia (*Black-Eyed Susan*)

(Annual.) Very attractive, slender, climbing or trailing plants, neat for baskets, porch boxes, etc. Pure white; black-eyed; sulphur, white-eyed; orange, white-eyed.

1178 Mixed. Pkt. 10 cts., $\frac{1}{4}$ oz. 40 cts.

Tritoma (*Red Hot Poker*)

1179 Hardy Perennials. Very early-flowering variety; elegant orange-scarlet flowers. Height 3 ft. Pkt. 15 cts.

Mrs. Louise S. Fitz, Randolph, O.—"All the seeds received of you have done good."



MAMMOTH MIXED VERBENA
The color are most exquisite

Verbena

(Annual.) A very popular bedding plant. For best and quickest results seed should be sown early in the house or hot-bed, and transplanted in May. If sown outdoors in May, it blooms from the end of July on.

Mammoth-Flowered Varieties

- | | |
|--|--------|
| | Pkt. |
| 1180 Pink | \$0.10 |
| 1181 Purple | .10 |
| 1182 Scarlet | .10 |
| 1183 Striped | .10 |
| 1184 White | .10 |
| 1185 Blue | .10 |
| 1186 Mammoth Mixed. ¼ oz. 50 cts..... | .10 |
| 1187 Helen Wilmott. Large, bright salmon-rose-colored flowers, having a white eye, with small percentage of varied shades. Pkt. 15 cts. | |
| 1188 Lucifer. Intense deep cardinal-scarlet throughout; it is identical to our other Mammoth Verbenas in size of bloom and other good qualities. As a brilliant bed or border we feel sure this will be most satisfactory. Pkt. 15 cts., 2 pkts. 25 cts. | |
| 1190 Lemon Verbena (Citriodora). Every garden should have a few of this fragrant favorite. Its pale green, delightfully scented foliage goes well with any flower. Pkt. 10 cts. | |

Vinca (Periwinkle)

(Annual.) Very handsome plants about 1 ft. high. Dark, glossy foliage, in flower constantly from June to frost. If sprays be cut and placed in water, all the buds will be developed, making them effective for a week.

1195. Mixed Colors. Pkt. 10 cts., ¼ oz. 15 cts.

Wallflower (Cheiranthus)

(Hardy perennial.) A class of free-flowering plants which are particularly valuable for bedding. Flowers bloom in spring, borne in long spikes, sweet-scented; a splendid range of colors from bright yellow through shades of red to brown.

- 1210 Double Mixed. Pkt. 10 cts., ¼ oz. \$1.25.

Wild Flower Garden Mixture—See page 51

Zinnia (Youth and Old Age)

(Annual.) They are very easily grown and bloom continuously from early summer until frost. These may be sown in the latter part of March in boxes or outdoors in May. If transplanted, it should be done at an early stage.

Double Giant Mammoth

This is one of our leading specialties. Our strain of this magnificent giant-flowered type is unsurpassed. The blooms are of immense size, when well grown averaging three and one-half to four and one-half inches in diameter and often three to four inches in depth. We strongly recommend our friends to make a trial of our seed and feel certain they will be more than pleased with the results obtained from same. Height, 3 feet.

- | | |
|---|--------|
| | Pkt. |
| 1224 Giant Yellow | \$0.10 |
| 1225 Giant Scarlet | .10 |
| 1226 Giant White | .10 |
| 1227 Giant Flesh Pink..... | .10 |
| 1223 Giant Violet | .10 |
| 1229 Giant Crimson | .10 |
| 1235 Black Knight. Very odd shade..... | .10 |
| 1230 Giant Mixed. All colors, ¼ oz. 40 cts.. | .10 |
| 1231 Curled and Crested, Double. Petals curiously twisted, curled; mixed colors. Height 1½ ft. Pkt. 10 cts., ¼ oz. 25 cts. | |
| 1233 Dwarf Double Mixed. Pkt. 5 cts., ¼ oz. 20 cts. | |
| 1248 Giant Dahlia-Flowered Zinnias. We consider these the most beautiful of Zinnias. The flowers are of immense size and distinctive shades. A well blended mixture. Pkt. 15 cts.; 2 pkts. 25 cts. | |
| 1250 New Picotee Zinnias. The flowers which are not quite as large as the Double Giant, are very effective in appearance as edges of the petals are all well marked with a distinct color to the body of the flower making them very attractive as bedders and cut flowers. All colors mixed. Pkt. 15 cts., 2 pkts. 25 cts. | |

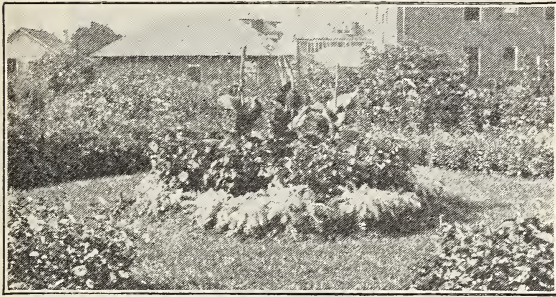


NEW PICOTEE ZINNIA
Is very effective in appearance

Holco Large-Flowering Cannas

New and Latest Selections

No other bedding plant could be found to give the same results in our varied climate; they do well in any sunny position and in any kind of soil. For best results, plant about the end of May in beds, spaded two feet deep, enriched with well-decayed manure. Water sparingly for first two weeks after planting; thereafter water liberally. For best effect, plant in large masses of one color, setting plants two feet apart.



A flower bed at the residence of Mr. R. B. Kenny, Canton, O., consisting of Cannas and Salvias bordered with Centaureas (Dusty Millers)

The President. 5 feet, green foliage. This magnificent red Canna won the gold medal from the National Department of Horticulture; and in respect for its upstanding character, distinguished attributes and splendor, was fittingly named "The President." The flowers are immense, round, firm—often 7 inches across—of extra good quality and borne in the greatest profusion. The color is unfading, pure, glowing scarlet. 35 cts. each, 12 for \$3.50.

King Humbert. 4 feet, bronze-leaved, the most popular of all Cannas; still in the lead and gathering popularity each year. Scarlet flowers, bronze leaves, greatest favorite today. 25 cts. each, 12 for \$2.50.

Allemania. 5 feet, green foliage, orchid-flowering, bright scarlet, with broad and irregular yellow border, beautifully mottled and variegated. 20 cts. each, 12 for \$2.00.

Buttercup. 3 feet, green foliage, the best dwarf yellow flower of pure buttercup-yellow. 20 cts. each, 12 for \$2.00.

City of Portland. 3½ feet, green foliage, Salmon pink. It blooms continuously, forming two and three bloom-heads on each stalk, which bud and bloom in succession, so each plant is showing flowers all the time. This is considered the finest salmon-pink Canna in existence. A splendid keeper. 25 cts. each, 12 for \$2.50.

Crimson Bedder. 3½ feet, green foliage. Deep red flowers of good quality. 20 cts. each, 12 for \$2.00.

6 Cannas of variety at dozen rates. Roots postpaid.

Caladium Esculentum (*Elephant's Ear*)

One of the most effective plants in cultivation for beds, borders or for planting out upon the lawn. Very frequently used as border plant about suburban residences, where their large, rich, green leaves afford an excellent embellishment when contrasted with the colors of the dwellings. Leaves often measure 3 to 4 feet long, 2½ feet wide.

	Each	Per Doz.
First-size Bulbs.....	\$0.25	\$2.50
Large Bulbs .....	.35	3.50
Mammoth Bulbs .....	.50	5.00

Eureka. 4 ft, green foliage. White Cannas have not, as a rule, been satisfactory, but Eureka is a splendid white that we believe will appeal to every lover of Cannas. Magnificent large flowers of a clear white. 25 cts. each, 12 for \$2.50.

Fire Bird. 3½ feet, green foliage. A pure scarlet of splendid form. The petals measure 2½ inches across and the color is a clear glistening scarlet without any streaks, spots or blotches. 25 cts. each, 12 for \$2.50.

Hungaria. 3½ feet, green foliage. A pink Canna. Very compact, almost dwarf and of a very luxuriant growth. Flowers very large, with immense petals. 25 cts. each, 12 for \$2.50.

Madame Crozy. 3½ feet, green foliage. Flowers brilliant vermilion-scarlet, with narrow edge of bright golden yellow. 20 cts. each, 12 for \$2.00.

Meteor. 5 ft. Magnificent bedding variety with massive erect trusses of deep blood-red flowers, produced with a freedom that leaves nothing to be desired. The best deep red large-flowered Canna; 25 cts. each, 12 for \$2.50.

Mrs. Alfred F. Conard. 4 feet, green foliage, beautiful salmon-pink flowers of great size and wonderful substance freely produced in large clusters. 25 cts. each, 12 for \$2.50.

Orange-Bedder. 4 feet, green foliage. This dazzling bright orange suffused with scarlet, blooms very freely and makes an ideal bedder. 25 cts. each, 12 for \$2.50.

Wintzer's Colossal. 5 feet, green foliage. Without a doubt the largest-flowered Canna yet produced. Flowers of vivid scarlet, sometimes measuring 8 inches across. 25 cts. each, 12 for \$2.50.

Wyoming. 6 feet. A splendid bedder, with bright orange flowers, on massive purplish-bronze foliage making a strong contrast. 25 cts. each, 12 for \$2.50.

Yellow King Humbert—Queen Helen. 4 feet, green foliage. Has the same habit of growth as King Humbert, foliage a very dark green with flowers measuring 5 to 7 inches across. Color of flowers a deep rich yellow heavily spotted and blotched with bright red. 25 cts. each, 12 for \$2.50.

Cannas in Mixture

This mixture is made up of named sorts, but not separate; acquired while cannas are being divided for resale; it contains a splendid assortment. 10 cts. each, \$1.00 doz., \$7.00 per 100.

Cinnamon Vine

These charming climbers from the Orient will quickly surround your arbor, windows and veranda with a profusion of handsome, glossy heart shaped leaves and sweet-scented flowers. Perfectly hardy, thrives everywhere in sun or shade, and once planted will grow a lifetime and be a constant delight. No words can describe their beauty and marvelous sweet perfume. Your home is not complete without these wondrous vines. They will grow 30 feet in a single season. Genuine headquarters stock direct from the largest grower of Cinnamon Vines in the world. Roots will keep perfectly. Plant any time from earliest spring up to July 15th. 10 cts. each, 6 for 50 cts., 12 for \$1.00.

"Holco" Prize Dahlias

Our Dahlia roots are splendid, strong field grown clumps, plump, well ripened

Dahlias require a light, open situation, a well-worked, moderately rich soil, deep and frequent cultivation. If the soil is heavy, use plenty of coal ashes. Plant any time from the first of May until the end of June, covering the tuber with 5 or 6 inches of soil and cutting out all but one or two stalks. For exhibition flowers thin freely.

Decorative Dahlias

J. M. GOODRICH. Gigantic New Decorative Seedling. For all purposes this is the best Decorative we have had the pleasure of introducing. It has size and beauty, exceptionally long stems and is free flowering. A beautiful salmon-pink, each petal effectively tipped primrose-yellow. 50 cts. each.

MINA BURGLE. This new introduction is one of the finest varieties to date—producing flowers of gigantic size and remarkable beauty, the best in existence. Color, a glowing and most brilliant scarlet. The flowers are of perfect Decorative type and are borne upon long, wiry stems well above the foliage. Attracts universal attention. 50 cts. each.

CLIFFORD W. BRUTON. Decorative. A large canary-yellow. 25 cts. each.

SOUVENIR DE GUSTAVE DOAZON. This variety is a good comparison to the "Sunflower." It is the largest Dahlia in existence. The color is a pleasing shade of orange-red. Flowers are full to the center and often measure 9 inches and over in diameter; they can be forced to measure over 12 inches. The plant is a very tall, vigorous grower with heavy, dark, glossy foliage and a remarkable constitution. Very long stems of pleasing, stiff-upright type. Should be in every garden. 25 cts. each.

PROGRESS. Decorative. A clear lavender with stripes and blotches of soft crimson through each petal. 25 cts. each.

LE GRAND MANITOUE. Decorative. The color of this superb variety is pure white artistically striped, splashed and blotches deep violet purple. The plants occasionally bear a solid purple-colored flower. The effect of these phenomenal flowers is most pleasing, giving this variety a supreme place in this class. 50 cts. each.

Collection of Six Giant Decorative Dahlias for \$2.00

Cactus Dahlias

ALIGHT (Incurved). Gigantic flowers of a beautiful orange-scarlet color. Petals very long and exceedingly narrow. This variety can be highly recommended as a desirable form. 35 cts. each.

COUNTESS OF LONSDALE (Hybrid). Deep salmon-red. One of the best. Should be in every garden. 35 cts. each.

EUREKA (Straight). This variety has all the good qualities of the Dahlia, being properly named. Color, very deep purple. Petals are long, straight and tightly quilled. 25 cts. each.

J. H. JACKSON. The finest black Cactus Dahlia in existence. One of the most prominent for garden decoration, superb as a cut-flower variety, and equally good as an exhibition flower. Color, a perfectly gorgeous, deep velvety, blackish-maroon. Gigantic in size. Every Dahlia lover should grow this variety. 25 cts. each.

HENRI CAYEU (Straight Cactus). A variety of immense size and perfect form. Color, an old gold, shading to golden yellow; plants very vigorous. 25 cents each.

MARJORIE CASTLETON (Straight Cactus). The outer florets are of a pleasing shade of rose-pink while the tips and central florets are cream white. 25 cents each.

SNOWDON (Incurved Cactus). Purest white. 50 cts. each.

KALIF (Cactus). A truly majestic flower, frequently measuring over nine inches in diameter. The flower is of perfect Hybrid Cactus form, and in color a beautiful pure glowing scarlet. The gigantic flowers, which are produced freely, are held erect on strong stems of wiry stiffness, making it a most effective and useful variety for cutting, as well as for garden decoration. "Kalif" is the first variety that has had the distinction of receiving the National German Dahlia Societies' highest award. This variety bears our highest recommendation. 75 cts. each.

Collection of Eight Cactus Dahlias for \$2.60

Show Dahlias

MAUD ADAMS. Ideal New Show Dahlia. This wonderful introduction is unsurpassed in quality in every respect; we cannot speak too highly of this variety. The color is a pure snowy white, very effectively overlaid with clear delicate pink. In our estimation, one of the finest of the Show type. 50 cts. each.

STORM KING. The most reliable white Show Dahlia to date. Color, a pure white. Flowers produced on good stems, well above the foliage. Free-flowering. 25 cts. each.

STRADELLA (Show). Beautiful deep purple-crimson. Exceptionally free-flowering. Stems long and wiry. One of the finest to date. 25 cts. each.

A. D. LIVONI. Beautiful soft pink Show Dahlia. Well formed flowers with long stems. Perfectly round, ball-shaped flowers, each petal being very tightly quilled and arranged in exact regularity. Free flowering. 25 cts. each.

AMERICAN BEAUTY. This champion Dahlia is a seedling from the well-known French variety, "Le Colosse," being almost identical in form, shape and size. The flowers are of gigantic size and are produced on long, heavy stems, well above the foliage. The color of this acquisition is a gorgeous wine-crimson. 35 cts. each.

NORMA. Show. A Dahlia that should be grown by all flower lovers. A model of perfection. Flowers are large, perfectly quilled, and of a most exquisite shade of live bright orange. The blossoms are produced in remarkable profusion. 35 cts. each.



DECORATIVE DAHLIA. J. M. Goodrich

REGGIE. A Colossal Dahlia of beautiful cherry-red color. A variety that will give the best of satisfaction, producing flowers upon long stems, well above the foliage. Very free. 25 cts. each.

The Collection of Seven Ideal Show Dahlias for \$1.95

Peony-Flowered Dahlias

DR. PEARY. Gigantic Holland Peony-Flowered Dahlia. Without exception the very finest dark Peony-flowered Dahlia in existence. A rich, velvety wine-crimson or dark mahogany. Flowers of gigantic size and identical in form and shape to the "Geisha." A variety highly recommended. 75 cts. each.

QUEEN WILHELMINA. Giant Holland Peony-flowered Dahlia. Largest and finest of the pure white sorts; unsurpassed as a cut flower. Blossoms produced upon long, graceful stems, well above the foliage. An immense fluffy flower of pure glistening white, showing its beautiful golden yellow center very prominently, which lends an additional charm to this most beautiful flower. 25 cts. each.

SALVATOR. New Holland Peony-flowered Dahlia. Deep rose-pink blossoms, plants of medium height, and edges of petals are of a curling nature, giving the flower an entirely original appearance. 50 cts. each.

MRS. BOWEN TUFTS. Gigantic Peony-flowered Dahlia. This creation is the finest of our new Peony-flowered Dahlias, having gigantic, deep rosy-purple blossoms, which are produced well above the foliage upon long, graceful stems. 50 cts. each.

QUEEN EMMA. Fragrant Peony-flowered Dahlia. A delightful sort that appears almost artificial. It is a charming shade of Hollyhock pink, the inner petals banded with gold. The flowers are sensational, possessing grace, simplicity and beauty, which makes this variety exceedingly fashionable. 25 cts. each.

ACHIEVEMENT. This phenomenal creation is the largest collarette Dahlia in existence—a perfect wonder, especially distinguished for its perfection and unsurpassing qualities. The flower is a clear, rich velvety maroon; collarette, a beautiful snowy white, very daintily overlaid with a delicate shade of pinkish-crimson. The remarkable contrast of the above combination of color, together with its ideal form and profusion of flowers, secures for this variety a supreme place in the Dahlia world. 25 cts. each.

The Six Peony-Flowered Dahlias for \$2.20

Sure to Flower **Gladiolus** Plant Gladiolus— They Bloom for Everybody

Gladioli are the most attractive and useful for cut flowers of all summer-flowering bulbs. The richer the soil better the results will be. Fertilize with sheep manure or pure bone meal, hoe and loosen, keep down the weeds, and with ordinary rainfalls they will flower by July because their sturdy growth is assured from the stored-up strength in the bulbs. A succession of blooms may be had from July to October by making plantings in April, May and early June, 10 days apart. Plant bulbs 4 inches deep, 4 to 8 inches apart each way and stake when 2 feet high.

America. Lavender pink. A fine cut flower of strong growth. 7 cts. each, 12 for 75 cts., postpaid. 100 for \$5.00.

Baron Hulot. Rich indigo. 12 cts. each, 12 for \$1.25, postpaid. 100 for \$7.50.

Gov. Hanly. Tall, showy, early. Rich cardinal red, with deeper throat color. A first-class bedding and cut-flower sort. 15 cts. each, 12 for \$1.50, postpaid. 100 for \$11.25.

Glory of Holland. Pure white; best white we know. 10 cts. each, 12 for \$1.00, postpaid. 100 for \$7.50.

Halley. Immense flowers of bright orange-rose and having a softer yellowish-tint in the throat. One of the earliest to bloom. 8 cts. each, 12 for 75 cts., postpaid. 100 for \$5.50, postpaid.

Le Marechal Foch. Giant flowers, color, finest salmon pink. 50 cts. each, 12 for \$5.00, postpaid.

Lustre. Tall, large-flowered. Color, dark orange vermillion. Grand and beautiful. 25 cts. each, 12 for \$2.50, postpaid.

Mary Pickford. An extraordinary flower of most delicate creamy white, with throat of fine soft sulphur yellow. 35 cts. each, 12 for \$3.50, postpaid. 100 for \$26.25.

Mrs. Frank Pendleton. Bright rose-pink on a pure white ground. A giant blotch of richest carmine red on lower petals. No grander variety in existence. 15 cts. each, 12 for \$1.50, postpaid. 100 for \$10.00.

Myrtle. Delicate rose-pink. The most beautiful pink yet produced in a gladiolus. 20 cts. each, 12 for \$2.00.

Orange Glory. (Ruffled.) Bright orange, with light throat. Very rich and striking color. 50 cts. each, 12 for \$5.00, postpaid. 100 for \$37.50.

Princes. Rich crimson, with white blotches. 10 cts. each, 12 for \$1.00, postpaid. 100 for \$7.50.

Rose Glory. (Ruffled.) A very large and beautifully ruffled sort. Purest rose-pink, color deeper in throat. Extra fine. 50 cts. each, 12 for \$5.00, postpaid. 100 for \$37.50.

Schwaben. A most meritorious imported variety of wonderful vigor, with strong erect spikes and large well expanded flowers of a clear canary yellow with a small blotch of deep garnet in the throat. 15 cts. each, 12 for \$1.50, postpaid. 100 for \$10.00.

Summer Beauty. Very choice, deep salmon, distinct shade. Tall and showy. 15 cts. each, 12 for \$1.50, postpaid. 100 for \$11.00.

War. Deep blood-red, shaded crimson-black, immense size, long spike. Late. 15 cts. each, 12 for \$1.50, postpaid. 100 for \$10.00.

White Glory. (Ruffled.) A gorgeous pure white with beautiful iris-blue throat. Fine as a delicate Iris. 35 cts. each, 12 for \$3.50, postpaid. 100 for \$26.25.



GOV. HANLY GLADIOLUS

New Primulinus Hybrids. This grand mixture of beautiful Butterfly Gladioli gives you the most delicate pastel tints. 12 for 85 cts., 100 for \$5.50, postpaid. 1000 for \$45.00.

Holco Rainbow Mixture. This name has been chosen by us for the highest quality blendings of the many excellent named varieties shown on this page. Exquisite colors. 12 for 70 cts., 100 for \$4.50, postpaid. 1000 for \$35.00.

Extra Fine Mixed. This splendid mixture is grown by us, and besides the mixture many choice new kinds are added. This insures a wide range of colors, shades and types. 12 for 40 cts., 100 for \$2.50, postpaid. 1000 for \$22.50.

Madeira Vine (*Climbing Mignonette*)

A beautiful vine, covering a large space in a short time. Heart-shaped light green leaves and clusters of pure white fragrant flowers. 10 cts. each, 12 for \$1.00, postpaid.

Double Pearl Tuberose

One of the most delightfully fragrant and beautiful of the summer flowering bulbs. Plant as soon as the ground becomes warm. Strong flowering bulbs. 10 cts. each, 3 for 25 cts., 12 for 85 cts., postpaid.

Hybrid-Tea Roses (*Hardy Everblooming*)

Our Roses are exceptionally strong and worth ten times more than Roses grown on marshy, wet soil, such as are generally offered at a low price. This class of Roses are continuous bloomers the entire summer, but are not entirely hardy in this section, and should be protected during the winter months with a covering of straw or any handy material. To obtain the best results, in addition to the covering of the tops, protect the roots with 5 to 6 inches of well-rotted manure. This will give added strength to the plants, and additional blooms the following summer.

The following varieties have been selected with a view to giving the amateur Rose enthusiast an opportunity to get the best varieties that will give a goodly share of blooms throughout the summer and autumn months, as well as to meet the requirements of those wishing the best varieties to select from, and being limited as to the amount they can spend.

When ordering, ask for our Leaflet on Rose Culture



COLUMBIA ROSE

Columbia. This rose was awarded the gold medal by the American Rose Society, for being the best new rose of any color or class originating in America during the past five years. It is a large, clear pink rose, very full and beautiful in form. It is one of the most delightfully fragrant roses ever produced. Very vigorous grower. We would recommend this rose to the most exacting. \$1.00 each.

Ophelia. By many rosarians Ophelia is considered the best Rose of its color. The blooms are large in size, full in form, and of very attractive appearance. The color is light salmon-pink-flesh, shading to yellow at base of the petals. We have found it an excellent variety in every respect, both indoors and outdoors. Blooms profusely all season and far into autumn. In very great demand. \$1.00 each.

Paul's Scarlet Climber. One of the most sensational novelties in climbing Roses ever introduced. It is a climber with splendid foliage and glorious vivid scarlet flowers. These are borne in wonderful profusion. A plant in bloom arrests the attention at once. For pergola effects or pillars this Rose is absolutely unexcelled. There is no variety with which we are acquainted that can equal it. No Rose garden, large or small, should be considered complete without a plant or two of this superb sort. We cannot do otherwise than give it the highest recommendation possible. \$1.00 Each.

Emily Gray. A very remarkable new Climbing Rose. Its golden yellow buds are long, tapering and elegant, opening to semi-double flowers of large size, pleasant fragrance, and a most delightful golden shade. The foliage differs from that of any other climbing Rose in its glossy and crinkled quality and in the deep reddish brown hue of the young shoots. This variety was deservedly awarded a Gold Medal in England, and bids fair to attain great popularity in America, because it is unique and is seemingly reliably hardy over the largest part of the Rose-growing territory. \$1.50 each.

Souvenir De Claudius Pernet. A new Pernet-Duchers masterpiece. Mr. Pernet-Duchers describes his new rose as follows: A most vigorous grower of erect branching habit, beautiful, brilliant green foliage, few thorns, long pointed buds of exquisite shape, carried on long stiff stems. Very large full flowers with elongated deep petals, a beautifully formed bloom. Color most striking yellow, deeper in center, does not fade in the warmest weather. This rose was awarded the Gold Medal at the Bagatelle Garden trials in 1920. Price, \$2.50 each.

Souvenir De George Beckwith. A great improvement on the Lyon Rose, with its shrimp-pink, chrome-yellow, and deeper yellow shades. Vigorous. \$1.50 each.

Souvenir De Georges Pernet. Very large blooms of Orient-red with cochineal-carmine and yellowish shadings. Vigorous in growth. \$2.50 each.

Miss Lolita Armour. It is with pleasure that we are able to offer to our customers a rose of such outstanding and superlative merit as this magnificent new sort. We believe it to be one of the greatest breaks by way of color ever known in Roses. There is nothing we know of in cultivation like it. Regardless of color, we doubt if there are any more beautiful. The color is: Chrome yellow at the base, shading to burnt orange and copper. The reflex of the petals is chrome yellow at the base, shading to bright salmon with brilliant copper suffusion. The flower is quite double. As the flowers of this variety age they turn to a delightful shade of shrimp pink and copper. Strong two-year old plants \$1.50 each.

Los Angeles. This magnificent distinctly New American Rose "Los Angeles" is one of the finest Roses ever introduced. "Los Angeles" is surpassingly brilliant in color, beautiful in form and exceedingly free in bloom. The color is entirely new in Roses, flame pink toned with coral and shaded with transparent gold at base of the petals. The plant is a vigorous grower with many long stems, each one crowned with superb blooms. You should include "Los Angeles" in your collection. Strong two-year-old plants which should give a full crop of flowers this season. \$1.00 each.

William F. Dreer. Similar in shape to Los Angeles, like that variety, is beautiful in all stages of development. This lovely rose is soft silvery shell-pink, the base of the petals being a rich golden yellow. For delicacy of coloring, no other variety is comparable to this. Strong two-year-old plants, \$1.50 each.

Constance. Full orange buds, streaked with crimson, becoming large, full, and globular flowers of various shades of yellow. A notable variety, because of the richness and persistence of its color. We heartily recommend it. \$1.00 each.

Lady Alice Stanley. Deep coral-rose on the outside of the broad petals, pale flesh on the inside, making a fine color combination for the large, fragrant, well-shaped buds which develop into splendid open blooms profusely borne on an unusually vigorous bush, and persisting during the whole season. One of the very best roses. \$1.00 each.

Dr. Huey. Totally different from any other Rose in existence. Its semi-double flowers are dark crimson-maroon or deepest scarlet, and showing a small cluster of light yellow stamens. The flowers are large and usually borne in clusters, with a blooming habit which means that the plant, if properly trained as a pillar, is an object of the utmost distinction for nearly three weeks. No other Rose approximates this American hardy climber in brilliant effectiveness. Never fades "blue." \$1.00 each.

Hybrid-Tea Roses (*Hardy Everblooming*)

Lady Ursula. Flesh pink; possesses a delicate tea perfume; distinct from all others; always in bloom.

Hoosier Beauty. Beautiful, well-shaped, long buds and large, full, perfect flowers of an intense, rich, dazzling, crimson-scarlet and deliciously fragrant. The plant is of vigorous growth, and is conceded to be one of the best Roses of its color.

H. V. Machin. The reddest of all red roses. A rose that should be included in every collection. Has a splendid foliage with a bud long and pointed, and an open bloomer of ideal texture. Delightfully fragrant.

Caroline Testout. Light salmon pink, very large and perfect flowers. One of the very best for all purposes.

Rose Marie. Buds are long and pointed; excellent for cut flower purposes; color a delightful shade of pure rose pink. Free bloomer.

General McArthur. A bright crimson. This is indeed one of the red roses for bedding purposes. Blooms continuously over a long period.

Jonkheer J. L. Mock. The flowers are of a deep pink and inside of petals silvery rose-white.

Mrs. Aaron Ward. Color is a distinct shade of Indian yellow. Plant bushy upright stems.

Kaiserin Augusta Victoria. Color is a soft pearly white, tinted with lemon in the center.

Gruss an Iepnitz. The most profuse blooming velvety crimson Rose in existence, a point lacking in many red roses. Has good, clean foliage and throws strong upright canes. A grand garden rose. Very fragrant.

Duchess of Wellington. Intense saffron yellow, stained crimson. As the flower ages it becomes a deep saffron yellow. Blooms fairly full, buds long and pointed, very free flowering. Exceedingly fragrant.

Strong 2-year-old plants of any of the above Everblooming roses, except where noted, \$1.00 each, \$12.00 per doz., \$90.00 per hundred. 25 or more at 100 rate.



OPHELIA ROSE

Hybrid-Perpetual Roses

The plants offered are unquestionably the best that can be selected in the Hybrid-Perpetual class. Exceptionally heavy two-year-old stock, which will, under fair conditions, give a full crop of flowers this season; and while their main crop is produced in June, they frequently produce fine flowers throughout the summer and autumn.

Frau Karl Druschki. This is the ideal hardy white Rose, pure in color and perfect in form.

George Arends (Or Pink Frau Karl Druschki). A beautiful pink variety; one of the best.

Ulrich Brunner. Bright cherry-red; flowers large and full; a good strong grower and always does well.

General Jacqueminot. Long a favorite as the "Jack" rose, its brilliant scarlet-crimson flowers, large, full, globular, and sweet, are yet in the top rank of quality.

J. B. Clark. Deep crimson, maroon; a favorite and one of the best Roses in cultivation; does well everywhere. Ranks very high. Very dark and large.

Mrs. John Laing. Soft pink, of beautiful form; exceedingly fragrant and remarkably free-flowering; always does well and stands very close to the top among fine roses.

Paul Neyron. Dark rose, of enormous size.

Any of the above roses, strong 2-year-old plants, at \$1.00 each, \$12.00 per doz., \$90.00 per hundred.

Hardy Climbing Roses

The following varieties of Rambler Roses, while few in number, might easily be considered as being among the very best. It is our aim to list only those of distinct merit. All Climbing Roses offered are two and three-year-old plants, and must not be confounded with inferior stock offered at cheap prices.

Bess Lovett. Double; bright crimson; superior to Climbing American Beauty, being brighter color, and does not hold its dead blooms. \$1.00 each.

Excelsa. Improved Crimson Rambler, better color, hardier and free from the Rambler's tendency to mildew.

Dr. W. Van Fleet. Dainty soft flesh-pink, buds of exquisite shape.

Purity. Dazzling snowy white; large, semi-double flowers. Splendid variety.

Crimson Rambler. The well-known crimson.

Dorothy Perkins. The well-known popular shell-pink.

Silver Moon. Large single flowers over four inches in diameter of pure white.

Any of the above, except where noted, in strong 2-year-old plants, 75 cts. each, \$60.00 per hundred, 25 or more at 100 rate.



Park entrance to the Hoover Suction Sweeper Co.'s factory, showing how attractive and restful the surroundings of an industrial plant may be made by the judicious planting of shrubs and vines. Almost any lawn has room for a few perennials and shrubs that will give the same enjoyment.

Select Hardy Perennial Plants

These plants once set out, will flower in abundance from year to year, without any special care. Culture leaflet free when asked for.

All Plants are forwarded on receipt of order unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward plants by Parcel Post, and if wanted sent in this way add 10 per cent to value of order for postage to points east of the Mississippi River, and 20 per cent to points west of the Mississippi River. Six plants of a kind at dozen rate. 25 of a kind sold at 100 rate. Not less than 3 of a kind sold unless offered otherwise.

Prices: All varieties, except where noted, 25 cts. each; \$2.50 per dozen, \$15.00 per 100.

Aquilegia (Columbine). **Mrs. Scott Elliott Hybrids.** There is not a better mixture grown in the world than by Mrs. Scott Elliott who has taken the highest awards. Our stock is from seed from this source, absolutely true strain. 2 feet high. Blooms May.

Boltonia Asteroides. Strong-growing, aster-like plant, well adapted for cut flowers. 5 feet high.

Campanula (Canterbury Bell). Largest and most beautiful family of border plants. Very free-flowering and easy growing. 2 feet high. Blooms in June.

Chrysanthemum (Hardy October Rose). The development of the Hardy Chrysanthemum has made it possible to have color, life and beauty in the garden when the other hardy plants have passed. Fine for cut flowers. Large-flowering varieties, separate colors, red, pink, white, yellow and purple.

Coreopsis (Tickseed). The flowers are a rich golden yellow, of slender, graceful form, making them an excellent cut flower. 2 feet high. Blooms all summer. 20 cts. each; \$2.00 per dozen.

Delphinium (Larkspur). It is almost impossible to convey anything like an adequate description of the improved Delphiniums. Their greatest charm lies in the wonderful stateliness of growth, and the rich colors and tints of their striking flowers. Nothing in blue can compare with Delphiniums, and for value in hardy borders they are unsurpassed.

LIGHT BLUE (Belladonna).

DARK BLUE (Bellamosa).

CHOICE MIXED ENGLISH HYBRIDS. 2 year old plants. Doz. \$3.50, 100 for \$25.00.

Unrivaled English Delphinium. Blackmore and Langdon's collection, which has been awarded highest honors at important flower shows. This collection is absolutely without a peer in the perennial field. 2 years old. Each 75 cts., doz. \$7.00, 100 for \$50.00.

Dianthus Barbatus (Sweet William). Certainly one of the most popular old-fashioned garden plants. Their freedom of blooming, striking colors and pleasing fragrance made them a favorite of all flower lovers. Fine for cutting.

Dianthus Plumarius (Hardy Pink). Dainty fringed flowers of mixed colors.

Digitalis (Foxglove). The tall, dignified spikes of the Foxglove, are always charming; bloom in June.

Gaillardia. The most glorious of our true "Old Fashioned Flowers." Flowering constantly from June until October, in many rich and brilliant colors of orange crimson and red. Unexcelled as a cut flower.

Gypsophila (Baby's Breath). Double. white flowers having a beautiful gauze-like appearance. 2 to 3 feet. in height.

Hibiscus (Mallow). Very robust growing plant, having large flowers of rich shades of red, pink and white. Height, 6 ft.

Hollyhocks. The finest strains, double varieties in red, yellow, white, pink.

Papaver Orientale (Oriental Poppy). This is a showy individual flower; color orange scarlet; blooms in June.

Phlox. These border plants are of great importance. For massing and their great variety of color adds a brilliancy to the landscape. Their flowering season begins in July, and if the old bloom spikes are removed, the blooming period may be prolonged until fall. We supply Phlox in separate colors, white, pink, lavender, purple, red, white with crimson eye, and salmon.

Pyrethrum. Single and double. Single varieties resemble many colored Marguerites, and the double sorts are like asters or chrysanthemums. Perfectly hardy, and unharmed by sun or storm. Plants cut down after June, will keep up a greater succession of bloom through autumn.

Shasta Daisy. A much improved hardy daisy, bearing a great profusion of large white flowers from early summer until late fall. Fine for cut flowers. 2 to 2½ feet high.



Imagine this house foundation unbroken by Shrubs and Evergreens that now soften its harsh lines. Note the artistic arrangements of the porch boxes. The planting shown exists at the home of J. C. Waters, Canton, Ohio.

Deciduous Flowering Shrubs

(The shrubs that lose their leaves during the winter season)

Shrubby is one of the necessities of the home garden and lawn decoration, for scarcely a house is to be found without some plant of this sort. Shrubs can be selected that will bloom consecutively from early spring until late fall. The planting of shrubs is usually done in the spring, but we recommend planting in the fall as well as spring. Ready for delivery March to May—October and November.

Shrubs sent by express only. Where there is no express office, and it is necessary to send by parcel Post, we will upon application, advise the amount needed for postage.

All our Shrubs are large, vigorous and well rooted

Althea (*Rose of Sharon*)

Popular flowering shrubs, coming in flower in July or August, when few shrubs are in bloom. The plant is covered with beautiful double flowers, which, at a distance, look like roses. They make a pretty flowering hedge. Two-year-old plants, double flowers, in white, pink, purple, and red 60 cts. each, 10 for \$5.00.

Butterfly Bush (*Buddleia*)

Magnifica. July. Long spikes of light blue flowers. "lighter than Pallid Bluish Violet." Butterflies are attracted by their honey-like fragrance, which adds to its charm. Strong plants, 75 cts. each, 10 for \$7.00.

Cornus (*Dogwood*)

Sibirica (Red-twigged Dogwood). In the winter this is the most showy of all the shrubs, standing out bright and cheerful with its brilliant red bark. 60 cts. each, 10 for \$5.00.

Deutzia

Double White (*Candidissima*). June. A vigorous, upright grower, with double white flowers borne in panicles. 60 cts. each, 10 for \$5.00.

Pride of Rochester. A profuse bloomer; large, double, white flower, tinged pink. One of the best. 60 cts. each, 10 for \$5.00.

Forsythia

Suspensa (*Weeping Golden Bell*). Somewhat pendulous in habit. A valuable shrub for borders; the branches droop like arches of gold. 60 cts. each, 10 for \$5.00.

Hydrangeas

Arborescens Grandiflora (*Everblooming Snowball Hydrangea*). This American Hydrangea is believed to be the most beautiful hardy flowering shrub ever introduced. It blooms from early June till autumn frosts. The plant attains a height of 4 to 5 feet, and bears large trusses of beautifully formed flat white flowers. 75 cts. each, 10 for \$7.00.

Paniculata Grandiflora (*Large-flowered Hydrangea*). Bush-form. One of the most conspicuous shrubs in any collection during August and September. Its plume of white flowers bend the branches with their weight. 75 cts. each, 10 for \$7.00.

Lonicera (*Bush Honeysuckle*)

Fragrantissima (*Fragrant Upright Honeysuckle*). Perhaps you haven't thought of the Bush Honeysuckle, but the birds have. They are as heavily laden with berries as the currant bush. A beautiful, almost evergreen shrub, with very fragrant flowers, which appear before the leaves. 60 cts. each, 10 for \$5.00.

Philadelphus (*Mock Orange*)

Coronarius (*Common Mock Orange*). Bears fragrant, creamy white flowers in great profusion. The form of the bush is rather pleasing because of the upright growth of the branches, which frequently arch. This is the best-known variety and possibly the most popular. Its showy flowers make a grand display wherever it is planted. Strong 2 yrs. old plants. 60 cts. each, 10 for \$5.00.

When Ordering, Ask for Our Leaflet, "How to Grow Shrubs"

Kerria (*Corchorus*)

One of the most graceful and beautiful of the lower-growing shrubs for the front of a shrubbery border, or in a mixed planting of low shrubs around porches.

Japonica. Attractive golden yellow flowers are borne continuously from June to October. Strong plants, 75 cts. each, 10 for \$6.50.

Rosa Rugosa

Rugosa (Japanese Rose). Forms a beautiful hedge; large, dark-green, glossy foliage; color beautiful rose; terminal clusters of ten to twelve flowers, each 3 inches in diameter. 60 cts. each, 10 for \$5.00.

Spiraea

Anthony Waterer (Red Spiraea). Dwarf dense habit with dark crimson flowers. One of the finest shrubs of recent years. 60 cts. each, 10 for \$5.00.

Van Houttei (Bridal Wreath). Without doubt the finest of Spiraeas. At the flowering season in May and early June, the plant is covered with a mass of white flowers, presenting a beautiful appearance. 60 cts. each, 10 for \$5.00.

Stephanandra Flexuosa

Lace-leaf Bush. Graceful, pendent, fountain-like habit of growth. The leaves are finely and delicately cut. Flowers are creamy white and produced in great profusion. In the autumn the foliage assumes brilliant reddish tints. 60 cts. each, 10 for \$5.00.

Symphoricarpos

Racemosus (Snowberry). A popular hardy shrub of medium size and bushy form; leaves oval and smooth; small pink flowers in summer, followed by large, waxy white berries in autumn, persisting into midwinter. Very ornamental. 60 cts. each, 10 for \$5.00.

Vulgaris (Coral Berry). Vigorous and quick grower; red berries in late summer. Does well in any position. 60 cts each, 10 for \$5.00.

Tamarix

Tamarix Africana. Slender, light green foliage and small pink flowers. The branches droop very gracefully. 60 cts. each, 10 for \$5.00.

Viburnum—(Snowball)

Plicatum (Japan Snowball). Of moderate growth; handsome; globular heads of pure white, neutral flowers early in June. It surpasses the common variety in several respects. Its habit is better, foliage much handsomer, flowers whiter and more delicate. \$1.00 each, 10 for \$9.00.

Weigala

Rosa Nana Variegata. Beautiful, clearly defined variegation of green, yellow and pink in its leaves; flowers delicate rose-pink. 60 cts. each, 10 for \$5.00.

Eva Rathke. The finest Weigela in cultivation; flowering continuously throughout the summer and autumn; of a rich ruby carmine, 85 cts. each, 10 for \$7.50.

F. C. Staiger, Akron, Ohio—I received the California Privet Hedge in first-class shape, and am very much pleased with them. Thanking you for your prompt attention, I am,

**HYDRANGEA ABORESCENCES**

Everblooming Snowball

See Page 73

Hardy Climbing Plants

Ampelopsis Vitcehii (Boston Ivy). Grows very rapidly after it is once established, and clings closely to any surface. The large, dark green leaves turn to rich crimson in the fall. Standard plants. Extra strong plants 50 cts. each, 10 for \$4.00.

Aristolochia Sipho (Dutchman's Pipe). Produces numerous bunches of brownish colored flowers which bear a slight resemblance to small pipes. The leaves are large and round, hanging so that they overlap each other and thus make a dense screen. \$1.00 each.

Clematis Paniculata (Small-Flowering Clematis). This handsome hardy climber is one of the choicest and most satisfactory climbing flowering plants we know. The plant is of strong, rapid growth, with small, dense, cheerful green foliage, giving it a grace and elegance possessed by no other hardy climber. The flowers appear in the greatest profusion during August, and continue until late in the fall, are white in color and most deliciously fragrant. The plant succeeds in almost any position, not only is it well adapted to run up all kinds of supports, but is just as useful for planting among rockwork, sloping banks, covering graves, or, in fact, in any position where a graceful vine is desired. Many failures in the growing of Clematis are the results of too shallow planting. The crown of the roots should be set at least 3 in. below the surface of the soil. Selected, extra strong plants. 60 cts. each, 10 for \$5.00.

Jackmani (Large-Flowering Clematis). A perfect mass of bloom when in full flower. Color dark, rich, royal purple. \$1.00 each, 10 for \$9.00.

Euonymus Radicans. This trailing form of Euonymus is particularly desirable for its dense deep green evergreen foliage. It is extremely hardy and useful for covering low foundation walls or may be clipped the same as boxwood for an edging plant. Strong, field-grown plants, 75 cts. each, 10 for \$6.50.

Lycium Chinense (Matrimony Vine). Excellent for trellises or banks. The small purple flowers in summer are followed by scarlet berries which cling long though the winter. Makes a vigorous growth; if desired, it may be trained as a shrub. 60 cts. each, 10 for \$5.00.

Honeysuckle Halliana (Hall's Japan Honeysuckle). A strong, vigorous, almost evergreen sort; white flowers changing into yellow; very fragrant; flowering from July to frost. Extra-selected palms. 50 cts. each, 10 for \$4.00.

Wistaria Sinensis (Chinese Wisteria). A most beautiful climber of rapid growth. When well established it makes a growth of 15 to 16 ft. Flowers pale blue. 75 cts. each, 10 for \$6.50. Extra strong plants \$1.00 each.

Hedge Plants

Early Spring and Autumn are favorable seasons for planting hedges. The plants are heavy and bulky for shipment by mail; in fact it is safe to ship hedge plants by freight to most points, as they carry well and the cost of transportation is much less than by express.

California Privet. One of the most satisfactory plants for hedges known at the present time. Glossy green foliage, easily kept in shape, and of fine symmetrical shape naturally. Plant 12 inches apart.

Height	Per 10	Per 100
12 to 15 in.....	\$1.00	\$ 9.00
18 to 24 in.....	1.20	10.00
24 to 30 in.....	2.00	12.00

Prices on other Shrubbery and Evergreens
quoted on request.

Japanese Barberry

Berberis Thunbergii. Invaluable little shrub that fits in with almost every planting. Will grow just about everywhere, including dry and shady locations. Brilliant foliage and fruit add to its beauty in the Autumn. One of the best plants for a low-growing hedge, for the front of taller shrubberies, for groups and wherever small shrubs are desired. Plant 15 to 18 inches apart.

Height	Each	Per 10	Per 100
15 to 18 in.....	\$0.40	\$3.50	\$25.00
18 to 24 in.....	.50	4.50	30.00
24 to 30 in.....	.60	5.50	40.00

Holco
QUALITY

Select Small Fruits

All plants are forwarded by Express, purchaser paying charges. We can forward most plants by Parcel Post, and if wanted sent in this way, add 15 cts. per dozen.

While the list of Small Fruits offered is short, yet it is very select, only the very finest sorts being offered. This is preferable to a long list which would necessarily contain varieties of less merit.

Blackberries

Blackberries respond generously to good treatment. They prefer a deep soil, but will grow and fruit almost anywhere.

Eldorado. (Mid season.) Large, jet-black. Sweet melting, fine flavor.

Blower. (Everbearing.) Choicest quality; very productive.

Price 10 for \$1.00, 100 for \$7.00.

Currants

Currants like good, rich soil. They are particularly susceptible to scale, and steps should be taken to keep them free from this by liberal spraying, when the bushes are dormant.

Fay. Color deep red; great bearer; clusters.

Price, strong, two-year-old vines, 35 cts. each; 10 for \$3.00.

Strawberry Plants

Early Sorts. Premier, Senator Dunlap.

Mid-Season Sorts. Gibson, Bubach, Parson's.

Late Sorts. Brandywine, Gandy, Glen Mary, Sharpless.

Price. Any of the above varieties in strong layer plants, 30 cts., per doz., \$2.00 per 100, \$15.00 per 1000.

Fall Fruiting or Everbearing Strawberries

"Peerless" (New). This variety is claimed to be best fall bearing sort, producing right up to heavy frosts.

Progressive. A prolific sort.

Price. Either of the Everbearing varieties, 35 cts. per doz.; \$2.50 per 100; \$15.00 per 1000.

Shipping Seasons for small fruits are from October till freezing weather and from March 25th to May 15th.



Grapes

Agawan. (Amber.) Berries large, sweet, ripens early.

Brighton. (Red.) Sweet and rich. Early.

Concord. (Black.) Unequalled flavor. Best market grape.

Moore's Early. (Black.) Sweet and luscious. Early.

Niagara. (White.) Large, tender and juicy. Fine flavor.

Worden. (Black.) Large size, excellent yielder. Earlier than Concord.

Price, strong, two-year-old vines, 40 cts. each; 10 for \$3.50.

Caco Grape

Through scientific hand pollinization of the varieties Catawba and Concord, a variety with the good qualities of both parents, and at the same time with the defects of neither, has been secured. Extreme rich, sugary flavor and beautiful appearance place the Caco in the front rank of all hardy grapes. Color most beautiful cardinal. 75 cts. each, 10 for \$7.00.

Raspberries

Raspberries will succeed in any soil that will grow good corn. For best results the old wood should be cut out just as soon as the crop has been gathered. This will give more vigor to the young canes for next year's bearing.

Cumberland. (Early Black.) Large, firm, and sweet. Good market variety.

Cuthbert. (Red.) Berries large; flavor rich and luscious. Hardy; productive. Midseason.

Price, 10 for 70 cts., 100 for \$5.00, 1000 for \$40.00.

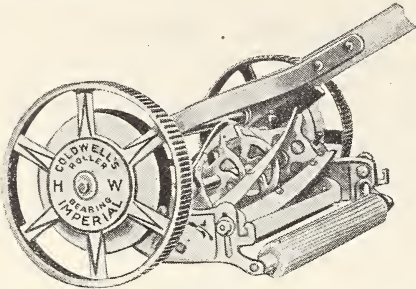
Ranere (St. Regis). (Everbearing red.) Sweet and rich, excellent quality.

Price, 10 for \$1.00, 100 for \$7.00.

Coldwell Self-Adjusting Roller-Bearing Lawn Mowers

Double Cutting Blade—Light Running—Always Sharp—Noiseless Durable—Crucible Steel

We guarantee every Mower. Will replace, free of charge, all defective parts.



COLDWELL HIGH-WHEEL ROLLER-BEARING

16-inch	Each	20-inch	Each
18-inch	\$19.50		\$22.00
	20.75		

COLDWELL AMBASSADOR

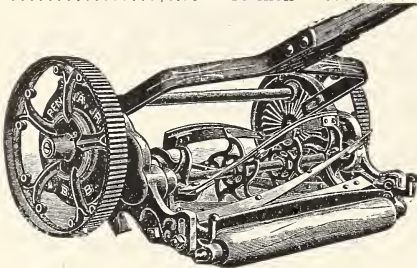
16-inch, high wheel	Each	18-inch, high wheel	Each
	\$14.50		\$15.50

COLDWELL SUBURBAN

14-inch, 8-inch wheel, 4 blades	Each	16-inch	Each
	\$12.00		\$12.75

COLDWELL CADET

14-inch	Each	16-inch	Each
	\$8.50		\$9.50



PENNSYLVANIA JR. BB LAWN MOWER

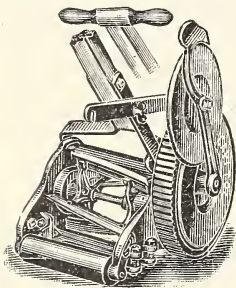
PENNSYLVANIA JR. BALL-BEARING LAWN MOWERS

15-inch	Each	19-inch	Each
17-inch	\$26.50		\$33.00
	29.50		

PENNSYLVANIA GREAT AMERICAN

15-inch	Each	17-inch	Each
	\$19.50		\$22.50

Motor or Pony Mowers, price on application.
We carry in stock Mowers, all sizes and prices.



Capitol Lawn Trimmer and Edger

This can be converted into either a trimmer or an edger in a few seconds by turning the machine over and making a slight adjustment of a brace rod.

Price\$11.00

Sickles

All kinds and sizes.

Village Blacksmith	.....\$0.75
Clearcut	..... .50
Little Giant	..... .75
Holco	..... .50



"HOLCO"
SICKLE

VILLAGE
BLACKSMITH
SICKLE

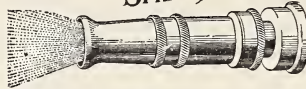
We Carry the Largest Assortment of Garden Tools to Be Found Anywhere. All Prices Subject to Market Changes

Rubber Hose

"HOLCO" NON-KINKABLE. Best hose, finest quality of rubber. Will not kink and will last for years. We can supply any length and will fit with hose couplings if advised when ordering; ½ inch and ¾ inch. Per foot 16 cts. and 18 cts.
Florist hose price on application.

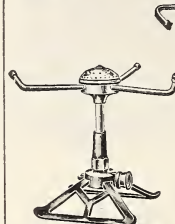
JUSTRITE

SPRAY NOZZLE



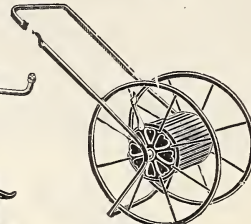
Hose Nozzles

¾-inch Hose. Can be regulated to give three different streams.
Each 75 cts. Parcel post add 5 cts.



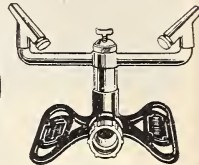
"UNIVERSAL" SPRINKLER

10 in. high \$2.75



WIRT'S HOSE REELS

100 foot...\$3.50



RAIN KING

Covers area. 60 foot...\$3.50

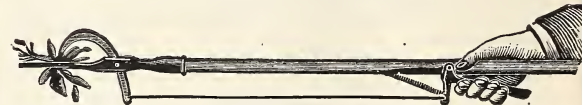
"Jimmy" Weeder

25 cts.

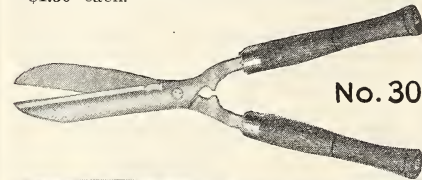


CARBORUNDUM SCYTHE STONES

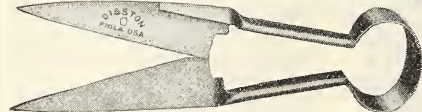
Cuts it fast and clean, 10 in.\$0.35



CLEVELAND LAWN WEEDER. Is simple to operate; it not only saves the back, but is actually a pleasure to use. The cut is a good illustration, showing how to work it. \$1.50 each.



No. 30



No. 1105



No. 1104

Hedge Shears

Steel blades, tang extends through handle, riveted, making handles fast. Blades are hollow ground causing them always to close on the cutting edge. Full polished. No spring tension—a bolt that fits into a threaded hole in the blade is tightened until proper tension is secured, then locked in place by a lock-nut.

No. 30	6 ½ inch (ladies)	.....\$1.50
No. 30	8 inch	..... 2.50
No. 30	10 inch	..... 3.25

GRASS SHEARS No. 1105. Trowel shank. Full polished. Made from one piece of Disston steel. Specially hardened and tempered. Ground to cut evenly from heel to point. 7-inch blade; 15 inches over all. \$1.00.

LAWN SHEARS No. 1104. Manufactured from best quality Disston-made steel, black finished blades, 9-inch cut. Handles are 36 inches long, fitted with heavy steel ferrules, riveted through the tang, making it impossible for the handle to work loose. Shears fitted with two wheels, 2x½ inches. Weight, 5 ½ lbs. \$4.50.

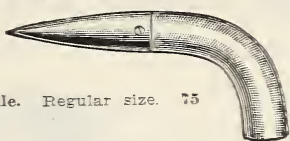
Dibbles or Dibbers

Just the tool for transplanting tomatoes, cabbage, celery, etc.

Brass Point and Wood Handle. The best Dibber.

Does not rust. \$1.00 each.

Steel Point and Wood Handle. Regular size. 75 cts. each.



Trowels



SLIM JIM. Excellent for setting bulbs or transplanting. 5-inch size 20 cts., 7-inch size 30 cts. each.

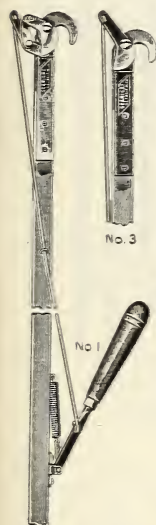


FORGED STEEL. This trowel is second to the Maynard Trowel in quality and finish. The blade and shank are one piece, forged out of the best of steel. 6 inch 80 cts.

MAYNARD. 6 inch \$1.00.

Magic Weeder

No. C. 35 cts.



No. 1



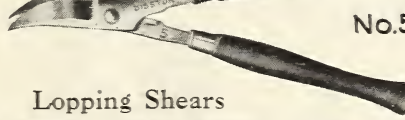
No. 2



No. 3



Compound Lever



No. 5

Lopping Shears

No. 1. Disston Lopping. Polished hardwood handle, 27½ inches long; heavy ferrule; heavy blades for heavy work; new tension and positive adjustment; weight, 3¼ lbs. Price \$2.75. By mail \$2.90.

No. 2. Disston Vine Lopping. Details same as above, excepting it is made slightly lighter for smaller work; weight, 3 lbs. Price \$2.50. By mail \$2.60.

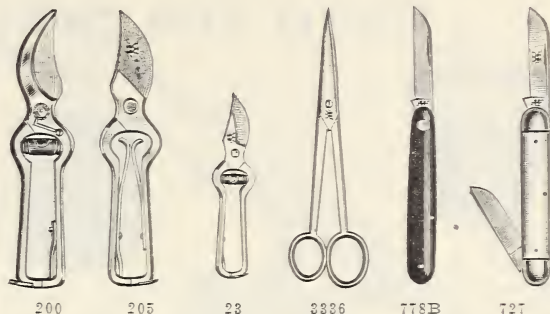
No. 3. Disston Bull Dog Lopping. Both jaws curved and both cutting jaws; weight, 3¼ lbs. Price \$2.50. By mail \$2.65.

No. 5. Disston Utility Lopping. 9-inch black handles; full polish, 3¼-inch blades; weight, 1¼ lbs. Price \$2.00. By mail \$2.10.

Tree Pruners

The cutting head is strong high grade steel. Light in weight, compact in size, and unusually effective as to cutting qualities. Price 12-foot pole:

Compound Lever.....\$4.50 Clyde.....\$2.50



Horticultural Knives, Scissors and Pruning Shears

No.	Each
727.	Knives, 2 blades, brass lined, white.....\$1.75
778B.	Knives, 1 blade, brass lined, ebony.....1.00
3386.	Thinning or Grape Scissors.....1.25
109.	Pruning Shears, Wiss, 9 in.....3.50
209.	Wiss Jr., 9 in.....1.35
200.	Pruning Shears, Henckels, 8½ in.....2.25
205.	Pruning Shears, Henckels, 8½ in.....2.50
R85.	Pexto American, 9 in.....2.65
59.	Pexto American, 8 in.....1.00
65.	Pexto American, 9 in.....1.75
R70.	Pexto American, 9 in.....2.00
23.	Ladies, 6½ in.....1.75

Grafting Wax

The best grade on the market. ¼ lb. 15 cts., ½ lb. 25 cts., 1 lb. 45 cts., postage 5 cts. per lb.

Compressed Air Sprayers

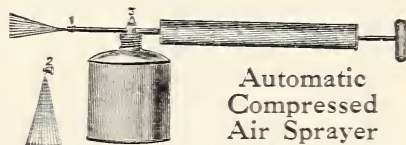
These Sprayers will spray potatoes, shrubbery, trees, etc., perfectly, and are tested with 50 lbs. pressure before leaving factory. All sprayers guaranteed.

Complete with hose and nozzle:

Auto Spray, galvanized.....\$6.50

Auto Spray, brass.....9.50

Auto Pop Nozzles \$1.50 each



Automatic Compressed Air Sprayer

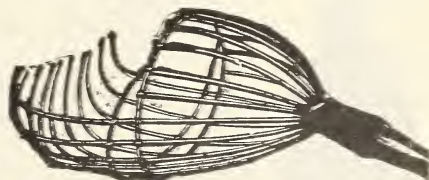
This is the grandest hand sprayer ever offered, very easily operated. Has universal nozzle, the spray can be thrown on upper or under side of plant or shrubs. Tin, each \$1.00. By mail \$1.10. Brass, each \$2.00. By mail \$2.10.

AUTO SPRAY, K. D. Qt. size 50 cts. By mail 60 cts.



"Disston" Pruning Swivel Saw

Very handy to use where the limbs are close together. The blade is adjustable to cut from any angle; it saves the trouble so often found when using ordinary saws. \$2.00 each, Extra Blades 35 cts. each.

"Holco"
Fruit
Picker

Price 75 cts. Postpaid

All Prices Subject to Market Changes

Flower Pots, Saucers, Plant Tubs, Etc.



Earthen Flower Pots

These cannot be sent by Parcel Post.

Height and Width Inside

	Each	Doz.	100	1000
2 in.	\$0.02	\$0.16	\$ 1.23	\$11.25
2 1/4 in.	.02	.18	1.40	12.75
2 1/2 in.	.03	.24	1.65	15.00
3 in.	.03	.28	2.14	19.50
4 in.	.05	.42	3.30	30.00
5 in.	.07	.78	5.94	54.00
6 in.	.10	1.08	8.91	81.00
7 in.	.17	1.62	14.85	
8 in.	.25	2.81	21.45	
9 in.	.39	4.32	33.00	
10 in.	.52	5.83	44.55	
11 in.	.78	8.64	66.00	
12 in.	1.07	11.88	90.75	
14 in.	1.75	19.44	148.50	

Earthenware Saucers

	Each	Doz.	100	1000
4 in.	\$0.04	\$0.43	\$ 2.48	
5 in.	.04	.43	3.30	
6 in.	.07	.72	4.95	
7 in.	.08	.86	6.60	
8 in.	.10	1.15	9.08	
9 in.	.14	1.45	12.38	
10 in.	.18	2.02	14.85	
11 in.	.22	2.45	18.15	
12 in.	.26	2.88	22.28	
14 in.	.44	4.90	37.13	



Painted Pot Labels

No. in pkg.	100	1000
4 in..1000	\$0.20	\$1.60
4 1/2 in..1000	.25	1.85
5 in..1000	.30	2.05
6 in..1000	.35	2.50
8 in.. 250	.95	7.40
10 in.. 250	1.20	9.60
12 in.. 100	1.40	11.40
18 in. for field use	5.50	50.00

Tree Label. 3 1/2 inch Notched, copper wired. Per 100 40 cts., per 1,000 \$2.50.



Rubber Plant Sprinklers

Either Straight or Crook Neck

10 oz. capacity	\$1.25
8 oz. capacity	1.00
6 oz. capacity	.85
Parcel Post add.	.05

Hanging Baskets

Galvanized Wire

	Each
10 in.	\$0.25
12 in.	.35
14 in.	.50

If wanted by mail add 5c for postage.

"Holco" Plant Tubs



Made of white cedar, painted green and bound with strong electric wire hoops, which do not rust.

No.	Inside Diam.	Each
No. 6	11 in.	\$1.25
No. 7	12 in.	1.50
No. 8	13 in.	1.90
No. 9	14 in.	2.20
No. 10	15 in.	2.35
No. 11	16 in.	2.70
No. 12	17 in.	3.15

Paper Flower Pots

Inside Diam.	Doz.	100	1000
2 1/4	12	\$0.45	\$4.00
2 1/2	15	.55	4.75
3	18	.75	6.25
3 1/2	20	1.00	8.00
*4	25	1.20	10.50
*5	30	1.80	16.00
*6	45	2.45	21.00

Size marked * are packed 500 to a crate, other sizes 1000. Special price will be quoted on paper pots f. o. b. factory.

Round Plant Stakes

These are painted green and nicely tapered and finished.

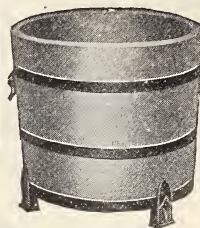
	Each	Doz.	100	1000
1 1/2 feet	\$0.03	\$0.25	\$1.88	
2 feet	.05	.47	3.50	
2 1/2 feet	.07	.69	5.12	
3 feet	.08	.91	6.75	
3 1/2 feet	.10	1.13	8.37	
4 feet	.12	1.34	10.00	
5 feet	.16	1.78	13.25	

Japanese Cane Stakes

	Doz.	100	1000
6 feet	\$0.40	\$2.35	\$15.00
6 feet ex. hy.	1.00	6.85	



Cedar Plant Tubs



Equipped with Strong Iron Hoops

These are made by hand of the very best white cedar painted green. They will be found very much superior to lower priced cedar tubs.

No.	Inside Diam.	Each
No. 1	12 in.	\$2.15
No. 2	13 in.	2.80
No. 3	14 1/4 in.	3.45
No. 3 1/2	16 1/2 in.	4.55
No. 4	19 in.	4.90
No. 5	22 in.	6.40

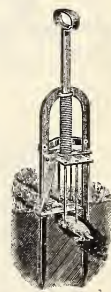


Mole Traps

Each \$1.00

How to Catch Moles

Always press down the mound when setting the trap so that the lever which sets off the trap is level with the ground. Set the trap in the evening as moles usually stir about very early in the morning.



Jumbo

Insect Powder Gun. Handy for dusting dry insect powders. Price 50 cts., postpaid.





Paragon Sprayer No. 3

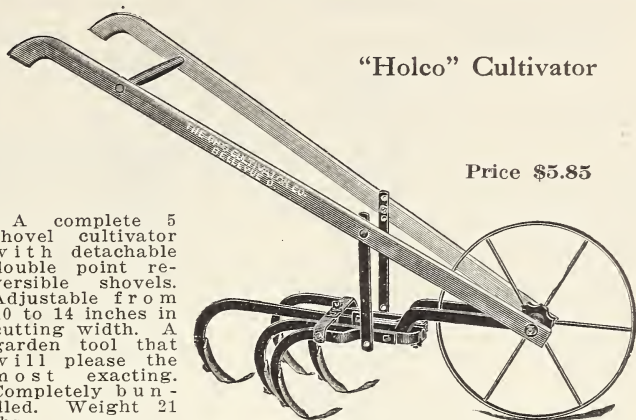
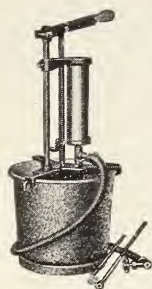
Equipped with a 12-gal. tank mounted on a truck, 7½ ft. extension pipes, 2 nozzles and 10 ft. of hose, \$25.00.

Paragon No. 0

Price \$12.50

Capacity, 3½ gallons

Equipment: 4 feet Special Spray Hose, 3 feet Spray Pipe, 1 Mist Spray Nozzle, 1 Steel Cap for Mist Nozzle, 1 Straight Spray.



"Holco" Cultivator

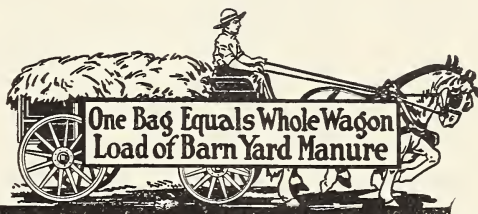
Price \$5.85

A complete 5 shovel cultivator with detachable double point reversible shovels. Adjustable from 10 to 14 inches in cutting width. A garden tool that will please the most exacting. Completely bundled. Weight 21 lbs.

WIZARD
TRADE BRAND MARK
PULVERIZED

Sheep Manure

Gives the soil what it needs to make things grow.



CAUTION—There are imitations—Be sure the word "Wizard" is on the bag or tag. Wizard is Guaranteed Pure Pulverized Sheep Manure. No waste, No filler. Order now. We ship it everywhere. 100 lbs. \$3.00, 50 lbs. \$1.75, 25 lbs. \$1.00, 10 lb. Pkg. 60 cts., 5 lb. Pkg. 35 cts. Sheep Manure can not be sent by mail. Write for prices on tons or cars.

Fertilizers

Write for prices on larger quantities: All prices are subject to market changes

Acid Phosphate. 16%. Apply 1,000 lbs. per acre. The standard fertilizer for soils requiring Phosphoric Acid. For gardens it is very effective. 5 lbs. 30 cts., 10 lbs. 50 cts., 25 lbs. \$1.00, 50 lbs. \$1.50, 125 lb. bag \$2.50.

Bone and Phosphate. Apply 400 to 600 lbs. per acre. An ideal fertilizer for farm, lawn or garden crop. 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1.25, 50 lbs. \$1.75, 125 lb. bag \$3.50.

Bone Meal. (Fine ground.) Made from pure animal bone; unusually rich in nitrogen and phosphoric acid, the two principal plant foods. For lawn making, grain, grass and clover and as a drop dressing for hay and pasture fields, bone is especially recommended. The plant food is taken up only as required and for that reason continues to feed the grass for a long time. Use 10 lbs. on 100 sq. ft. Apply 800 to 1000 per acre. 3 lbs. 25 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 25 lbs. \$1.40, 50 lbs. \$2.50, 125 lb. bag \$5.00.

Cow or Cattle Manure. (Shredded.) A fine top dressing for lawns, gardens or in greenhouses. 100 lbs. \$3.25.

Nitrate of Soda. Nitrate of Soda is not a substitute for other Manures. Use as a top dressing at the rate of 100 to 150 lbs. per acre on vegetables, when plants are well established. For home garden apply as a solution 1 tablespoon to one gallon of water. Price, 1 lb. 15 cts., 5 lbs. 45 cts., 10 lbs. 85 cts., 25 lbs. \$1.50, 50 lbs. \$2.75, 100 lbs. \$5.25.

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. Must be used with great care, is very powerful. Excellent for potatoes, corn, grains, etc. Analysis equal to 50 per cent actual potash. 1 lb. 15 cts., 5 lbs. 40 cts., 10 lbs. 70 cts., 25 lbs. \$1.40, 50 lbs. \$2.65, 100 lbs. \$5.00.

Sulphate of Ammonia. Most concentrated source of Nitrogen, better than Nitrate of Soda. Entirely soluble and quickly available. Apply dry at rate of 1 lb. per 200 sq. ft. of ground or dissolve 1 tablespoon in one gal. of water and sprinkle on rows. 100 lbs. per acre, rake or harrow it in before seeding. Price, 1 lb. 15 cts., 5 lbs. 40 cts., 10 lbs. 60 cts., 25 lbs. \$1.40, 50 lbs. \$2.65, 100 lbs. \$5.00. Write for prices on larger quantities and literature.

Bon Arbor. A complete fertilizer for house plants, flower and vegetable gardens. Highly concentrated to be used in a liquid or powder form. Directions for use on container. 8 oz. can 35 cts., 1 lb. 60 cts. By Parcel Post 5 cts. extra.

Lawnlime

The Grass and Garden Tonic

Lawnlime will renovate old lawns and gardens, cure the acidity of the soil. Promotes growth, gives grass a rich green color. For renewing old gardens and lawns it is unequalled. Guaranteed not to burn the sod. Has a tendency to prevent the growth of weeds. Apply at rate, 100 lbs. per 500 sq. feet or ½ ton per acre on lawns. 100 lbs. sack \$1.00, 3 sacks \$2.75. Write for prices on larger quantities.

INDEX OF CONTENTS

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<i>Aster</i>	<i>Mixed</i>		<i>Sweet Peas</i>	<i>Spencer Mixed</i>
<i>Gaillardia</i>	<i>Mixed</i>		<i>Cosmos</i>	<i>Mixed</i>
<i>Nasturtium</i>	<i>Mixed</i>		<i>Pansy</i>	<i>Giant Mixed</i>

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Keeps perfectly for at least a year. Guaranteed to give satisfaction or your money back.

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Insecticides and Fungicides

Marked * can be sent by Parcel Post at Purchaser's expense. Consult your local Postoffice for rates from Canton, Ohio. Directions for using any of these Insecticides or Fungicides will be found on each package

***Ant Food.** Powder used for distributing around buildings, greenhouse benches, lawns, gardens, any other places infested by ants. $\frac{1}{4}$ lb. 20 cts., $\frac{1}{2}$ lb. 30 cts., lb. 50 cts.

Arsenate of Lead (Powdered). Extensively used. Is instantly soluble in water, a pound goes almost twice as far as two pounds of paste arsenate. Further, you do not have to pay transportation charges on water, which acts as a preservative in paste arsenate. 1 lb. to 2 lbs. dilutes 50 gals. of water. Lb. 50 cts., 5 lbs. \$2.25, 10 lbs. \$3.75, 25 lbs. \$7.50. (Write for prices on larger quantities.)

Bordeaux Mixture (Powdered). Used principally for mildew, blight, fungus diseases that affect potatoes, fruit trees. 1 lb. 35 cts., 5 lb. pkg. (makes 30 gals.) \$1.30; 10 lbs. pkg. (makes 50 gals.) \$2.00.

Bordeaux-Arsenate. Is a combination spray of Arsenate of Lead and Bordeaux Mixture which is applied at one spraying. It sticks to the leaves and is not readily washed off by rains. Use on Cabbage, Currants, Potatoes or any plant where worms are eating the leaves. One pound makes 5 to 7 gals. of spray. Is a dry powder which only needs to be mixed with water as needed. Easy to use, effective, economical. 1 lb. 45 cts., 5 lbs. \$1.75, 10 lbs. \$3.25, 25 lbs. \$6.50, 50 lbs. \$12.00, 100 lbs. \$22.50.

"Black Leaf 40." This is the insecticide that destroys Aphids (plant lice) as found on Rose Bushes. Leaf Hoppers as found on Potatoes. And all soft bodied sucking insects. Does not injure foliage. Directions for use on each can. But we recommend using about one-quarter stronger for most effective results. Full directions on each package. Per 1 oz. bottle 35 cts., $\frac{1}{2}$ lb. \$1.25, 2 lbs. \$3.50, 10 lbs. \$13.50.

Copper Solution. Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple, and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Qt. \$1.50, gal. \$4.00.

***Dusting Sulphur.** Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Lb. 15 cts., 5 lbs. 50 cts., 10 lbs. 85 cts., 25 lbs. \$2.00.

***Fish Oil Soap.** For mild forms of scale, and is an excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. Good for washing off ferns, plants, lemon trees, oleanders and almost anything that would be infested with a soft-shelled or in fact almost any kind of insect. Dissolve in water according to directions. $\frac{1}{2}$ lb. 20 cts., lb. 35 cts., 5 lbs. \$1.50.

Flytox. Quickly kills flies and other insect pests; applied with a sprayer. $\frac{1}{2}$ pt. 50 cts., qt. \$1.25.

***Bug Death.** Largely used instead of Paris Green. Claimed to have same effect. Acts as a fertilizer as well as an insecticide; comes in powder form, is applied pure. Not poisonous to persons. Lb. 20 cts., 3 lbs. 45 cts., 5 lbs. 75 cts., 12 $\frac{1}{2}$ lbs. \$1.50.

Carbola. A disinfecting white wash paint. Kills lice, mites and prevents spread of contagious diseases. It dries a clean snow white and is used wherever whitewash can be used. Just the thing for Poultry Houses, Barns, Hog Pens. 1 lb. makes 1 gal. paint, trial pkg. 35 cts., 10 lbs. \$1.25, 20 lbs. \$2.00, 50 lbs. \$4.00.

***Hellebore.** Ideal material for destroying rose bugs, currant worms and other soft-shelled insects that infest the garden. Can be applied dry or in liquid form. $\frac{1}{4}$ lb. 25 cts., $\frac{1}{2}$ lb. 40 cts., lb. 65 cts.

Melrosine. The only remedy endorsed by leading authorities, that kills rose bugs and other insects. Used with any good spray-pump, diluted with from 20 to 25 parts of water. Guaranteed effective when used according to directions on can. Gal. \$6.00, $\frac{1}{2}$ gal. \$3.25, qt. \$1.75, pt. \$1.00, trial size 50 cts. By mail or express at customer's expense. Or trial size, sufficient to make 1 gallon when diluted, and care for several plants for the season, postpaid for 60 cts.

***Nico-Fume Liquid.** Used as a spray or as a vapor, principally in the latter way, it is placed in a tin saucer with lamp underneath, and the nicotine fumes are thus distributed. It is very effective in destroying thrip, aphids, white fly, red spider, etc. Per $\frac{1}{4}$ lb. (about $\frac{1}{2}$ pt.) 75 cts., lb. (about 1 pt.) \$2.25, 4 lbs. (about $\frac{1}{2}$ gal.) \$8.00, 8 lbs. \$15.00.

Nico-Fume Tobacco Powder. For fumigating greenhouses; takes the place of fumigating paper and tobacco dust. Use $2\frac{1}{2}$ inch flower pot heaping full for each 5,000 to 7,000 cubic feet of air space or three piles in a greenhouse 100 feet long by 20 feet wide. 1 lb. \$1.25, 5 lbs. \$4.75, 10 lbs. \$8.50.

Nicotine Fumigator (Hall's 12 $\frac{1}{4}$ %). For fumigating greenhouses; take the place of fumigating paper and tobacco dust; complete with directions. $2\frac{1}{2}$ lb. size \$2.50, 10 lb. size \$8.50.

Kerosene Emulsion (Liquid) (Miscible Oil). Diluted in water this makes an excellent spray for all mild forms of scale and soft lice of any kind such as infest rose and fruit bushes, vegetables and trees. Dilutes one part to twenty parts of water. Per pt. 50 cts., qt. 85 cts., gal. \$2.50.

Lime Sulphur (Dry Powder Form). Powdered Lime. Sulphur is becoming very popular on account of the small expense for shipping. Is instantly soluble in either cold or hot water, dilute 1 lb. to 6 gals. of water; does not separate, keeps indefinitely. Lb. 35 cts., 5 lbs. \$1.40, 10 lbs. \$2.25, 25 lbs. \$4.50, 50 lbs. \$7.50, 100 lbs. \$14.00.

P. T. B. (Para-Dichlorobenzene). For peach tree borers; full directions on each package. Can be used successfully only during August and September, the makers claim it is not effective if used at other seasons. Do not use on very young trees. Lb. 60 cts., 5 lbs. \$2.50, 10 lbs. \$4.00, 25 lbs. \$8.00, 50 lbs. \$15.50, 100 lbs. \$29.00.

Paris Green. The chief merit of this article is the destruction of the potato bug. May be used in liquid form; 1 lb. in 50 gals. of water, or with Land Plaster at the rate of 1 lb. Paris Green to 100 lbs. Land Plaster. $\frac{1}{4}$ lb. 20 cts., $\frac{1}{2}$ lb. 35 cts., lb. 50 cts.

Pyrrox. Kills bugs, prevents blight. A pasty substance used for all leaf-eating insects. Very effective for fungus diseases; 1 lb. makes 5 gals. spray. Lb. 50 cts., 5 lbs. \$1.85, 10 lbs. \$3.25, 25 lbs. \$6.75, 50 lbs. \$12.50, 100 lbs. \$22.00, 200 lbs. \$55.50.

Roach Food. Powder used for distributing around the house or any other places infested by roaches. Guaranteed or money refunded. $\frac{1}{2}$ lb. 30 cts., lb. 50 cts.

Scalecide. The best spray for San Jose Scale and maple scale. It is not poisonous, mixes with cold water, and is ready to apply; 1 gallon to 20 gallons of water sprayed on trees and bushes will kill every scale that it reaches without injury to tree or fruit if applied in late fall or early spring while the foliage is off. 1 qt. 65 cts., 1 gal. can \$1.50, 5 gal can \$6.50, 10 gals. \$11.25, bbl. 30 gals. \$27.00.

***Slug Shot.** The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 1 lb. 20 cts., 5 lbs. 60 cts., 10 lbs. \$1.15.

***Sulpho Tobacco Soap.** For plants, trees, etc. 3 oz. pkg. 10 cts., 8 oz. pkg. 20 cts.

***Tobacco Dust.** The best of the Tobacco Dusts for for dusting or fumigating. Lb. 10 cts., 5 lbs. 40 cts., 10 lbs. 60 cts., 25 lbs. \$1.50, 100 lbs. \$5.00.

Tobacco Stems. Used for fumigating, and under benches in greenhouses. Bale of 100 lbs. \$2.50. (Write for special prices on larger lots.)

***Tree Tanglefoot.** A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Lb. 60 cts., 5 lb. can \$2.75, 10 lb. can \$5.25.

Worm Eradicator (Reade's Electric). This has been found to effectually destroy worms in greenhouse benches and in potted plants, or for outdoor use in the flower and vegetable garden, or among trees. Per 24 oz. \$1.00, gal. \$4.00.

Weed Killer. The dilution is 1 to 50 parts of water, made so easily that a boy or child can attend to it. A gal. diluted is sufficient to cover a space 100 to 150 sq. yds. Application is best made with a watering can to insure uniform distribution, the most advisable time being after a rain, which is when weeds start to sprout and grow. Single applications last almost an entire season. Full directions as regards quantities needed, are printed on each container. 1 gal. (makes 50 gals.), \$1.75.

Prices on Insecticides and Fungicides subject to Market change

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